

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020610.D
 Acq On : 29 May 2019 21:39
 Operator : JU/SJ
 Sample : K2643-10MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:45 AM

Quant Time: May 30 02:35:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	56358	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	189589	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	124843	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	296570	20.00	ng	0.00
76) Chrysene-d12	21.24	240	342446	20.00	ng	0.00
87) Perylene-d12	23.46	264	401926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	401462	139.75	ng	0.00
7) Phenol-d6	6.80	99	475946	109.77	ng	0.00
23) Nitrobenzene-d5	8.80	82	402953	89.21	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	327040	130.75	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	906331	91.10	ng	0.00
79) Terphenyl-d14	19.67	244	1634323	86.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	65862	43.812	ng	# 69
3) Pyridine	3.56	79	122990	28.141	ng	95
4) n-Nitrosodimethylamine	3.47	42	48234	45.244	ng	# 97
6) Aniline	6.97	93	34690	5.531	ng	96
8) 2-Chlorophenol	7.19	128	147776	42.068	ng	99
9) Benzaldehyde	6.79	77	69579	25.135	ng	99
10) Phenol	6.83	94	163747	34.973	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	137682	39.404	ng	97
12) 1,3-Dichlorobenzene	7.51	146	175268	38.960	ng	97
13) 1,4-Dichlorobenzene	7.66	146	170283	37.869	ng	97
14) 1,2-Dichlorobenzene	7.97	146	173334	38.450	ng	96
15) Benzyl Alcohol	7.88	79	139339m	34.728	ng	
16) 2,2'-oxybis(1-Chloropropan	8.16	45	83854	34.433	ng	95
17) 2-Methylphenol	8.07	107	109355	35.377	ng	97
18) Hexachloroethane	8.68	117	72404	39.749	ng	94
19) n-Nitroso-di-n-propylamine	8.44	70	134322	34.888	ng	100
20) 3+4-Methylphenols	8.41	107	142211	34.306	ng	95
22) Acetophenone	8.46	105	224764	43.052	ng	98
24) Nitrobenzene	8.84	77	198840	44.574	ng	96
25) Isophorone	9.36	82	357098	42.488	ng	99
26) 2-Nitrophenol	9.55	139	65980	40.086	ng	97
27) 2,4-Dimethylphenol	9.60	122	110336	44.999	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	170163	38.893	ng	97
29) 2,4-Dichlorophenol	10.07	162	137657	42.211	ng	99
30) 1,2,4-Trichlorobenzene	10.27	180	198251	44.461	ng	99
31) Naphthalene	10.46	128	424219	43.336	ng	99
32) Benzoic acid	9.73	122	7384m	13.620	ng	
33) 4-Chloroaniline	10.62	127	14244m	3.646	ng	
34) Hexachlorobutadiene	10.72	225	156371	47.168	ng	98
35) Caprolactam	11.40	113	23956m	22.320	ng	
36) 4-Chloro-3-methylphenol	11.72	107	136787	38.544	ng	96
37) 2-Methylnaphthalene	12.09	142	309775	41.422	ng	98
38) 1-Methylnaphthalene	12.30	142	303171	41.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	256121	48.803	ng	100

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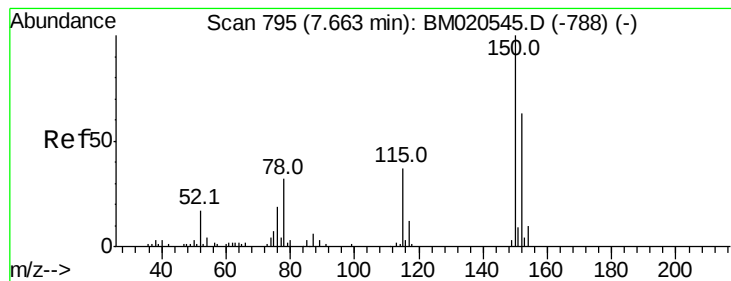
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	141409	57.567	nq	98
43) 2,4,6-Trichlorophenol	12.71	196	142707	43.940	nq	96
44) 2,4,5-Trichlorophenol	12.79	196	133868	44.140	nq	98
46) 1,1'-Biphenyl	13.11	154	432204	44.951	nq	99
47) 2-Chloronaphthalene	13.16	162	351732	43.153	nq	99
48) 2-Nitroaniline	13.39	65	78325	32.627	nq	96
49) Acenaphthylene	14.01	152	525028	42.357	nq	100
50) Dimethylphthalate	13.75	163	453495	41.011	nq	100
51) 2,6-Dinitrotoluene	13.89	165	94589	41.041	nq	93
52) Acenaphthene	14.35	154	310180	41.526	nq	99
53) 3-Nitroaniline	14.24	138	15788	12.366	nq	99
54) 2,4-Dinitrophenol	14.45	184	27478	26.731	nq	94
55) Dibenzofuran	14.69	168	554442	42.894	nq	97
56) 4-Nitrophenol	14.54	139	74679	52.430	nq	99
57) 2,4-Dinitrotoluene	14.68	165	126243	37.931	nq	# 88
58) Fluorene	15.34	166	437845	40.778	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	151768	43.006	nq	99
60) Diethylphthalate	15.12	149	432007	39.652	nq	100
61) 4-Chlorophenyl-phenylether	15.33	204	291332	42.500	nq	98
62) 4-Nitroaniline	15.40	138	47198m	24.363	nq	
63) Azobenzene	15.63	77	447876	42.246	nq	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	38406	24.080	nq	98
66) n-Nitrosodiphenylamine	15.56	169	374625	46.587	nq	99
67) 4-Bromophenyl-phenylether	16.23	248	180769	45.755	nq	97
68) Hexachlorobenzene	16.33	284	219727	45.870	nq	100
69) Atrazine	16.52	200	146259	44.207	nq	98
70) Pentachlorophenol	16.69	266	228233	92.242	nq	98
71) Phenanthrene	17.08	178	695956	43.197	nq	100
72) Anthracene	17.17	178	662447	42.398	nq	100
73) Carbazole	17.46	167	525792	39.213	nq	99
74) Di-n-butylphthalate	18.00	149	670658	40.660	nq	99
75) Fluoranthene	19.10	202	914365	40.812	nq	99
77) Benzidine	19.33	184	60007m	9.535	nq	
78) Pyrene	19.47	202	923314	42.947	nq	99
80) Butylbenzylphthalate	20.37	149	277561	36.744	nq	99
81) Benzo(a)anthracene	21.22	228	986814	41.636	nq	100
82) 3,3'-Dichlorobenzidine	21.17	252	178019	20.578	nq	99
83) Chrysene	21.27	228	1000446	43.684	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	424165	38.527	nq	100
85) Di-n-octyl phthalate	22.02	149	757790	39.593	nq	99
86) Indeno(1,2,3-cd)pyrene	25.71	276	1441388	52.053	nq	99
88) Benzo(b)fluoranthene	22.79	252	1157543	44.002	nq	99
89) Benzo(k)fluoranthene	22.84	252	1146583	44.908	nq	99
90) Benzo(a)pyrene	23.37	252	1123289	46.402	nq	100
91) Dibenzo(a,h)anthracene	25.72	278	1227050	49.518	nq	99
92) Benzo(g,h,i)perylene	26.40	276	1193454	51.956	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

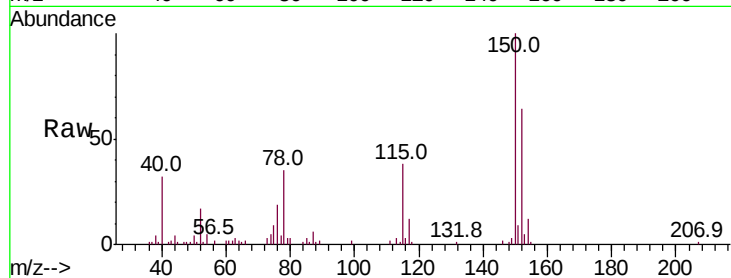
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

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OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	190.0
115	59.5	46.6	70.0

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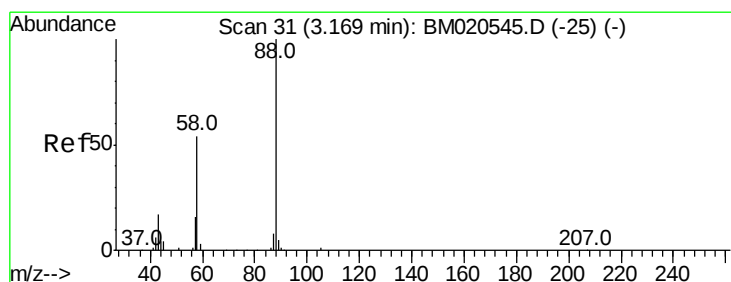
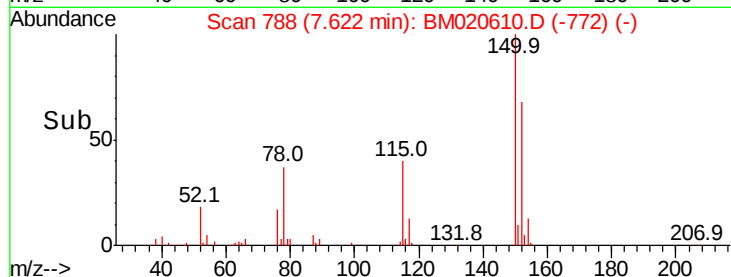
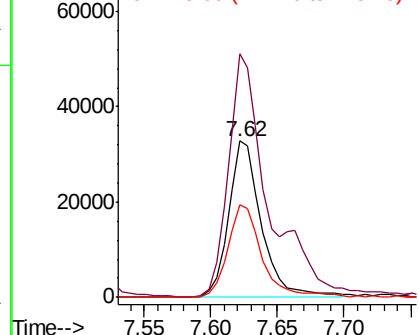


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

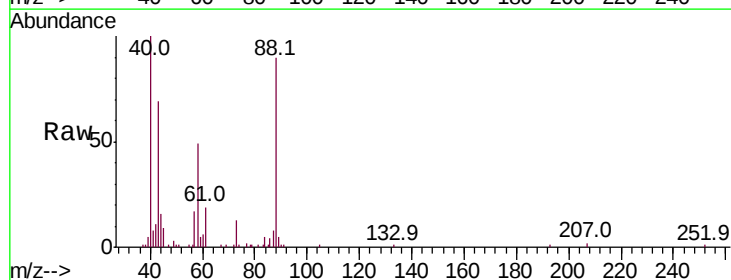
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.812 ng
RT: 3.14 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.3	42.3	63.5
43	67.3	16.0	24.0

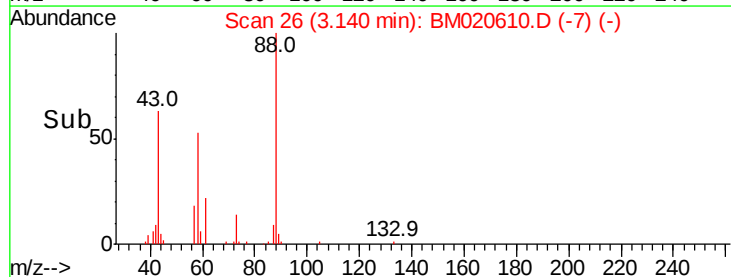
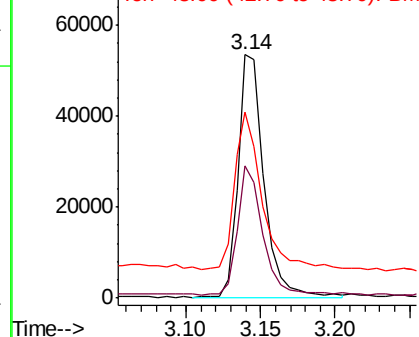


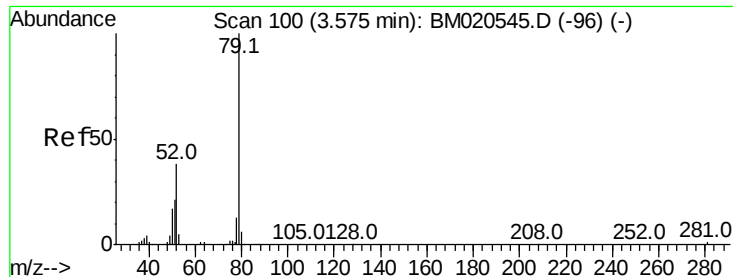
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.141 ng

RT: 3.56 min Scan# 97

Delta R.T. 0.02 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

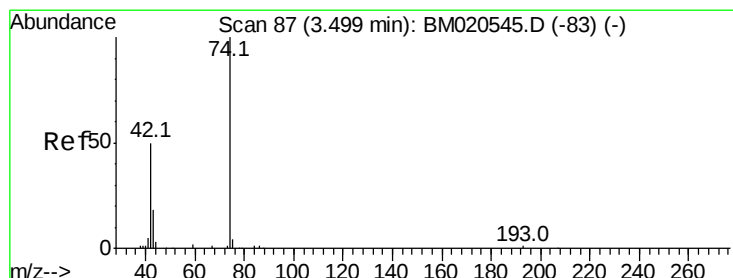
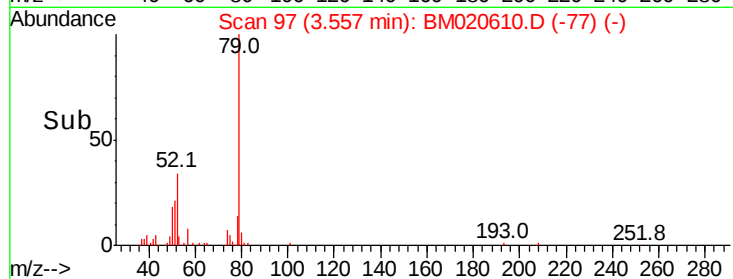
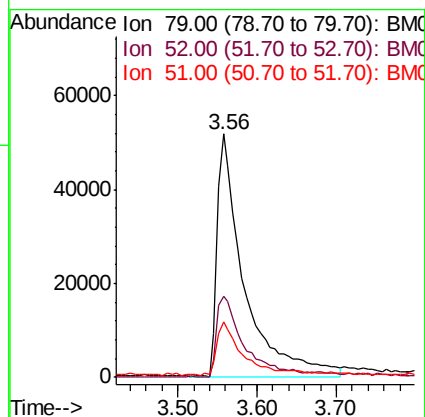
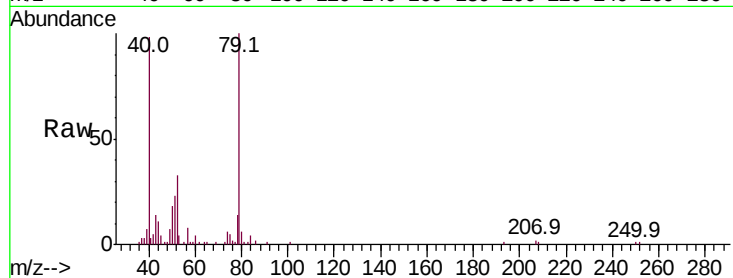
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	79	Resp:	122990
Ion Ratio	Lower	Upper	
79	100		
52	33.3	30.1	45.1
51	22.6	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 45.244 ng

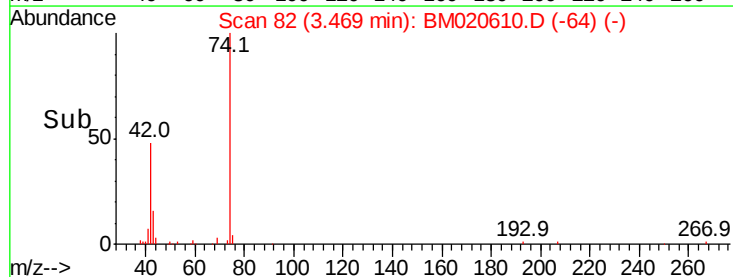
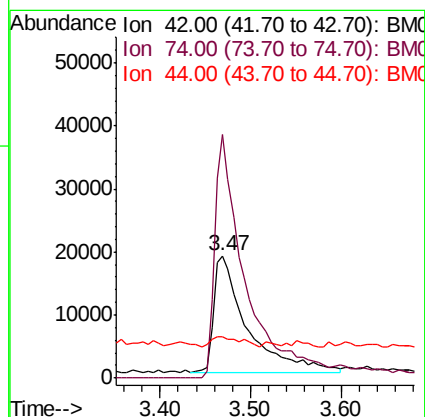
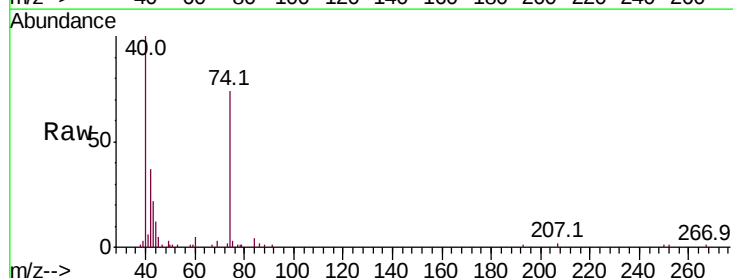
RT: 3.47 min Scan# 82

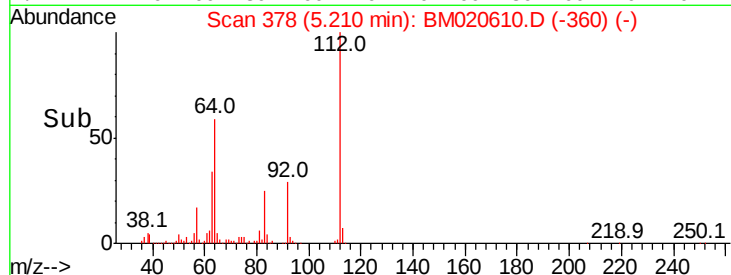
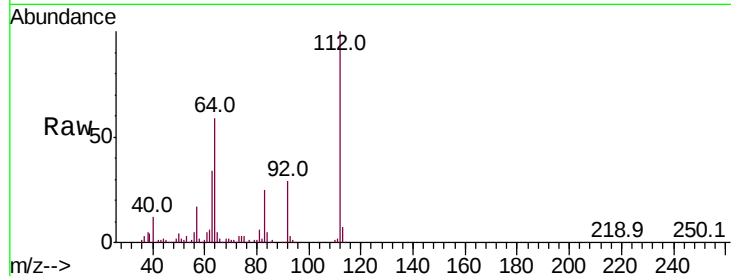
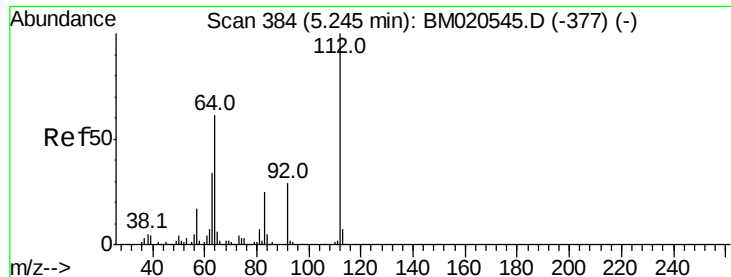
Delta R.T. 0.01 min

Lab File: BM020610.D

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Tgt Ion:	42	Resp:	48234
Ion Ratio	Lower	Upper	
42	100		
74	199.0	161.1	241.7
44	33.5	20.9	31.3#





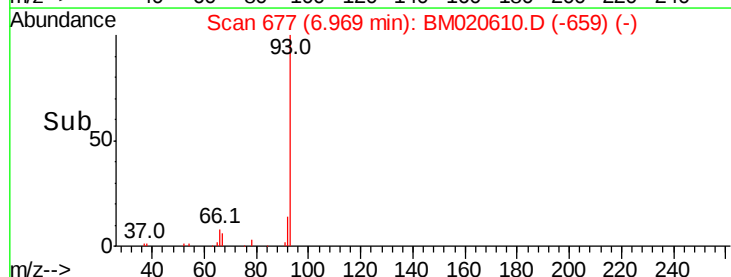
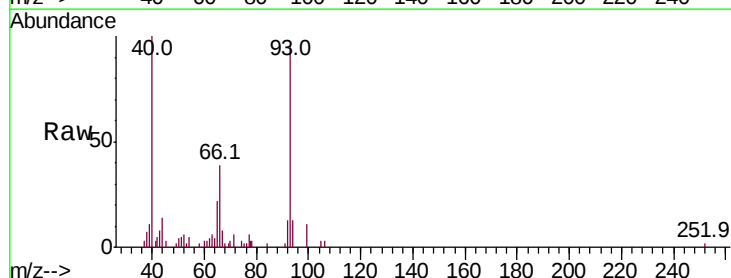
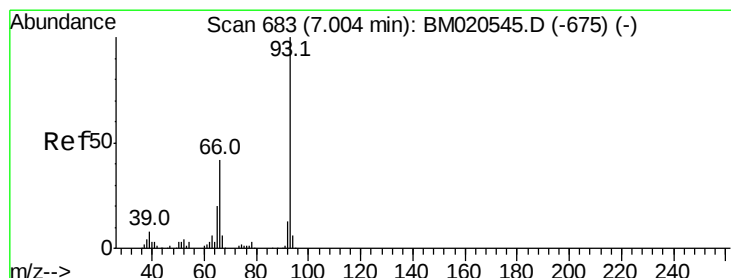
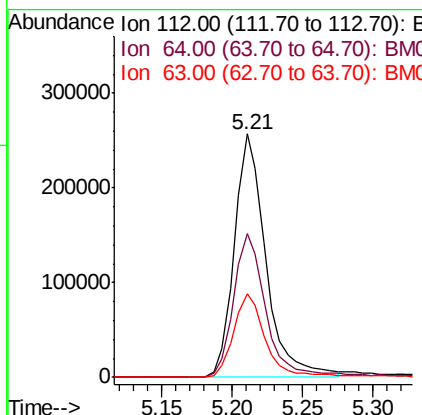
#5
2-Fluorophenol
Concen: 139.749 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tot Ion	Ratio	Resp	Lower	Upper
112	100	401462		
64	59.1	48.6	73.0	
63	34.2	27.4	41.0	

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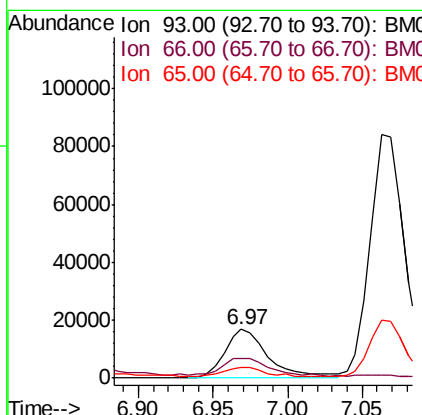
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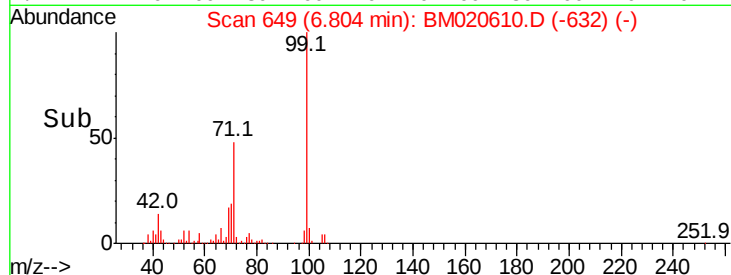
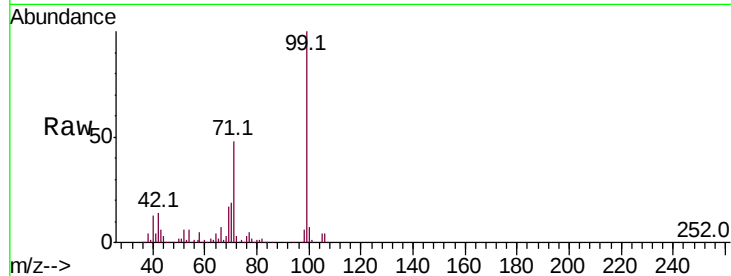
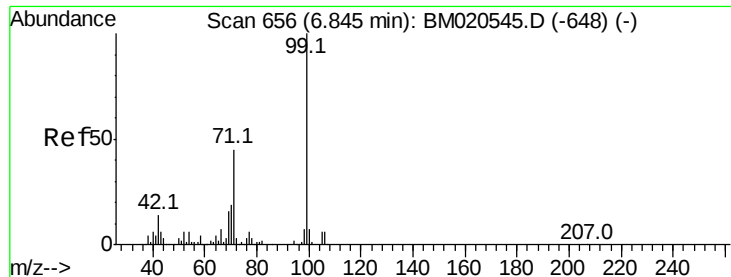
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#6
Aniline
Concen: 5.531 ng
RT: 6.97 min Scan# 677
Delta R.T. 0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	34690		
66	41.3	34.5	51.7	
65	22.8	16.2	24.2	





#7

Phenol-d6

Concen: 109.767 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		475946		
42	14.3	10.8	16.2		
71	47.6	36.3	54.5		

Instrument :

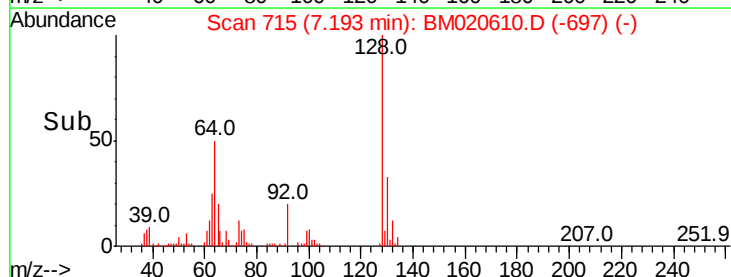
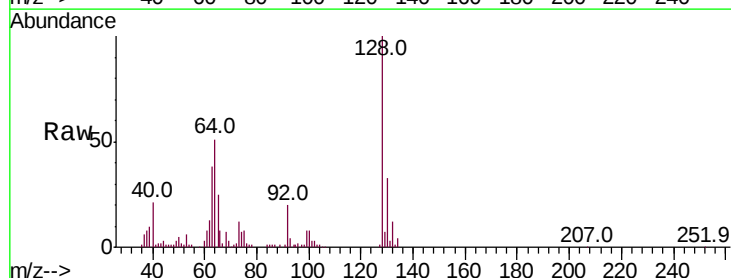
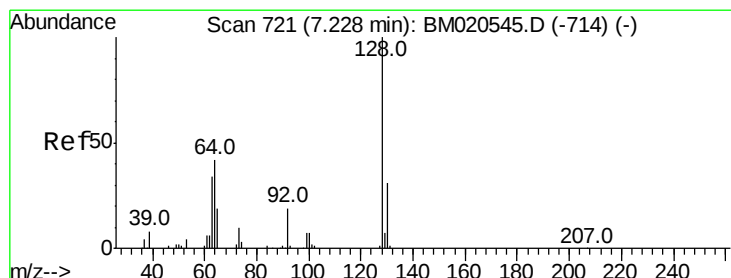
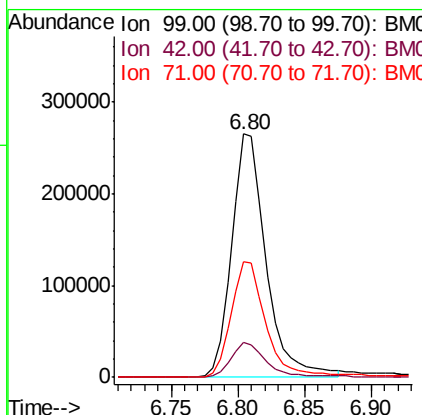
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#8

2-Chlorophenol

Concen: 42.068 ng

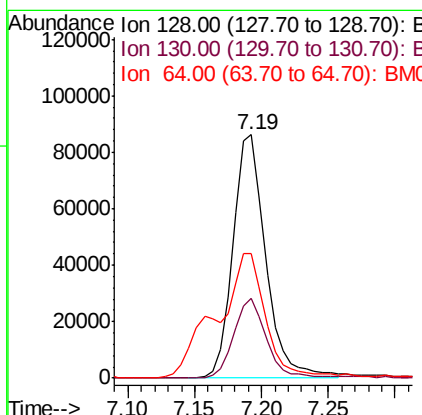
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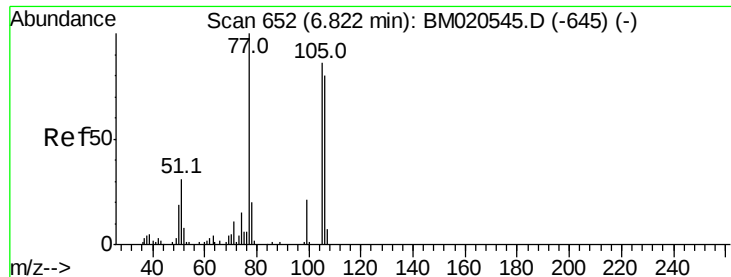
Delta R.T. 0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		147776		
130	32.7	11.2	51.2		
64	51.2	31.1	71.1		





#9

Benzaldehyde

Concen: 25.135 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

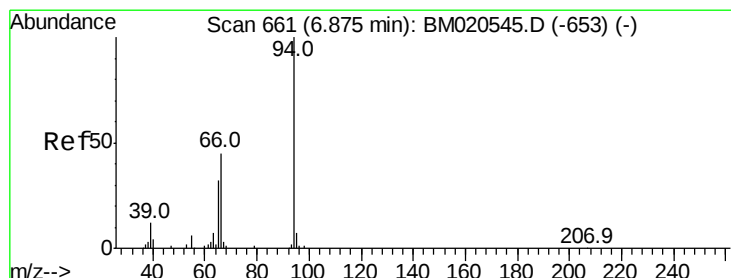
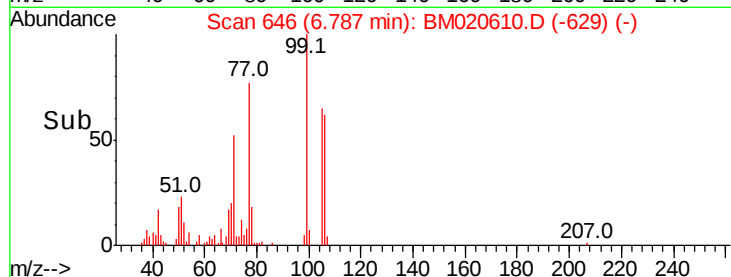
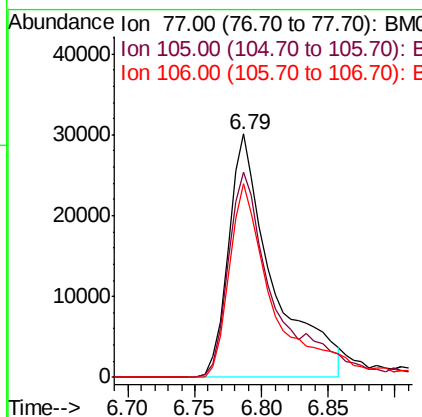
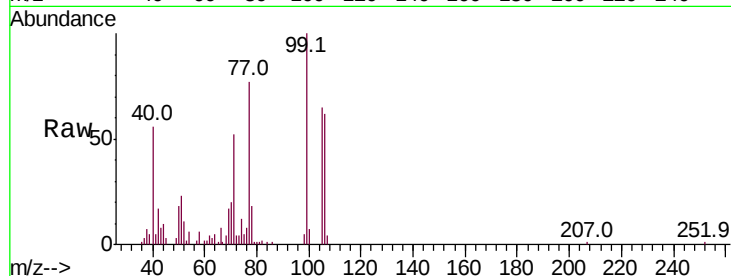
ClientSampleId :

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Tot Ion:	77	Resp:	69579
Ion	Ratio	Lower	Upper
77	100		
105	84.4	66.1	106.1
106	79.5	60.0	100.0

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#10

Phenol

Concen: 34.973 ng

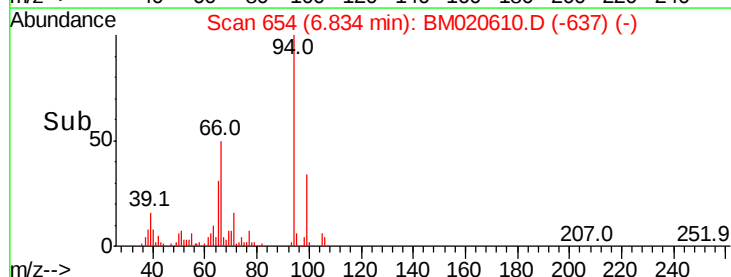
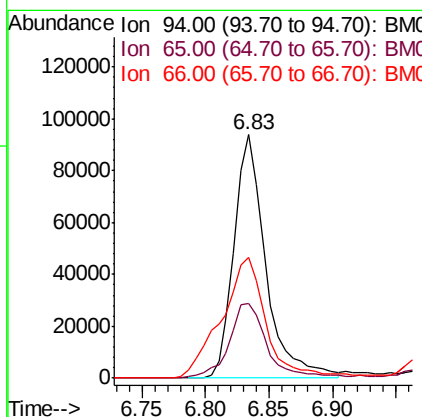
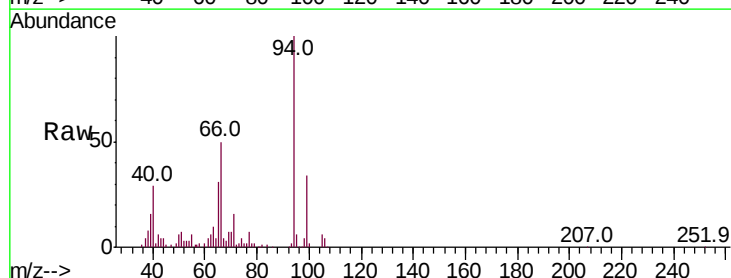
RT: 6.83 min Scan# 654

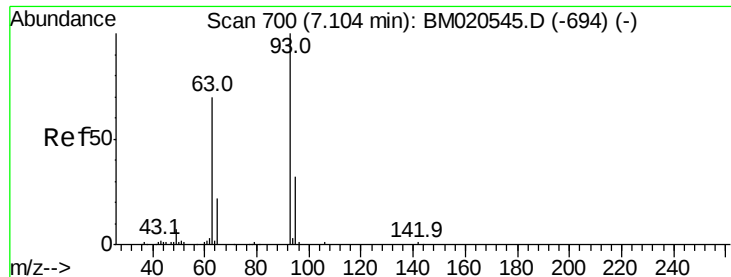
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	94	Resp:	163747
Ion	Ratio	Lower	Upper
94	100		
65	30.8	12.4	52.4
66	49.6	27.4	67.4





#11

bis(2-Chloroethyl)ether

Concen: 39.404 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

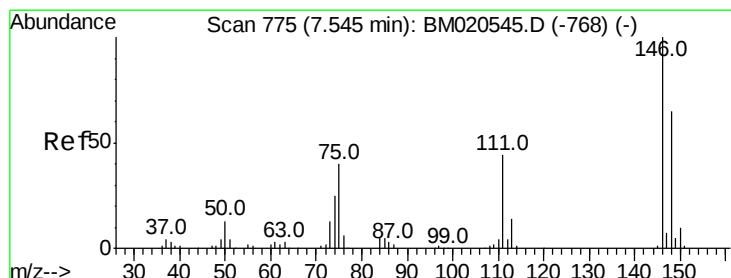
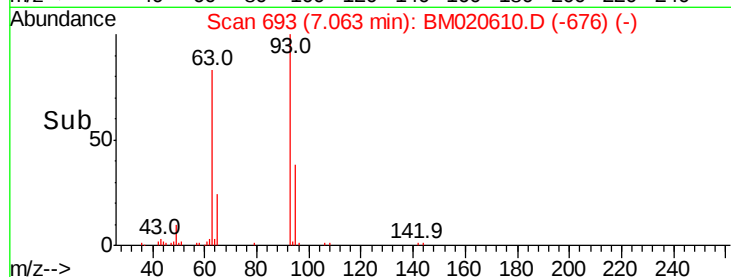
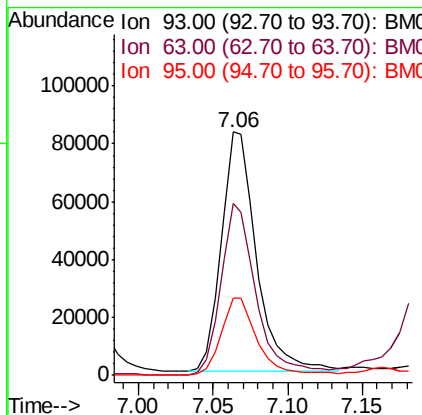
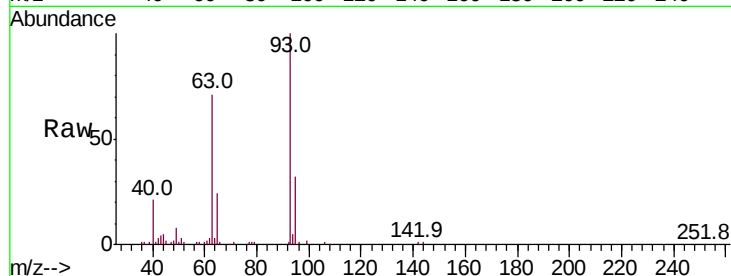
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	93	Resp:	137682
Ion Ratio	Lower	Upper	
93	100		
63	70.6	47.6	87.6
95	31.9	10.9	50.9

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#12

1,3-Dichlorobenzene

Concen: 38.960 ng

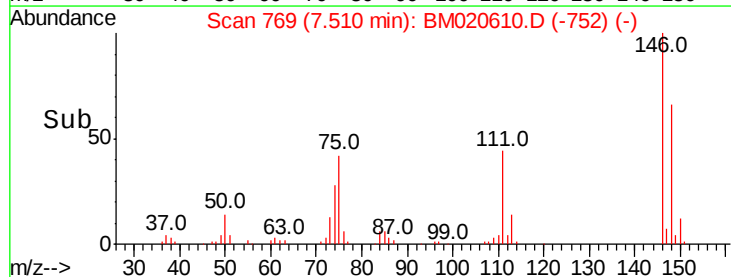
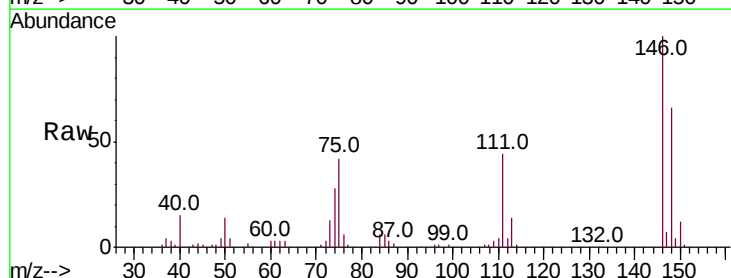
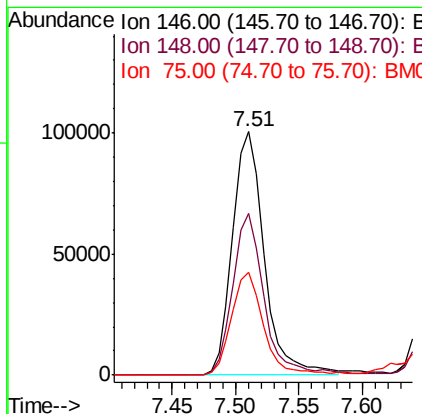
RT: 7.51 min Scan# 769

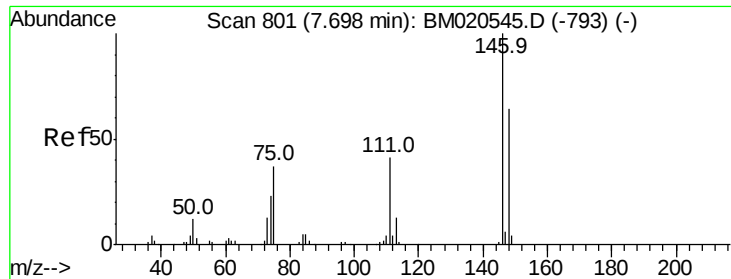
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	146	Resp:	175268
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.9	77.9
75	42.4	31.6	47.4





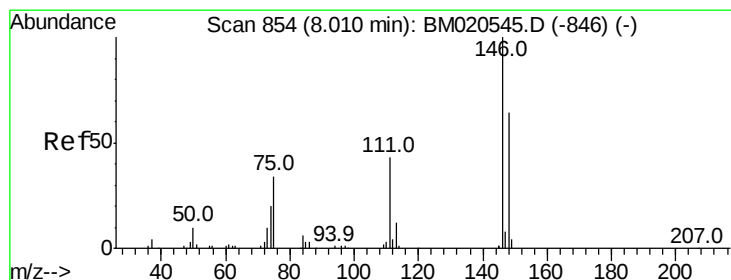
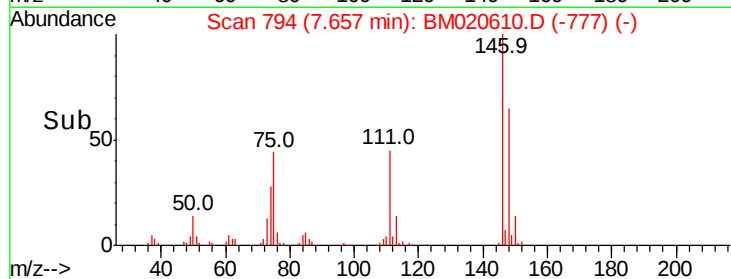
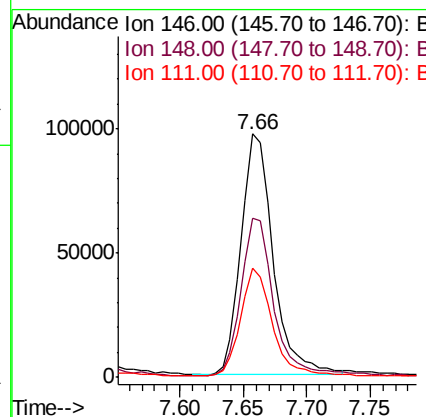
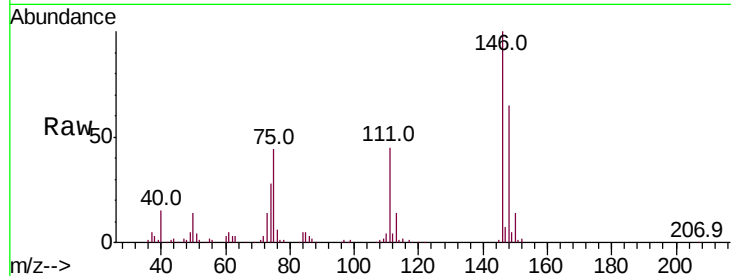
#13
 1,4-Dichlorobenzene
 Concen: 37.869 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	170283		
148	65.2	51.1	76.7	
111	45.1	33.5	50.3	

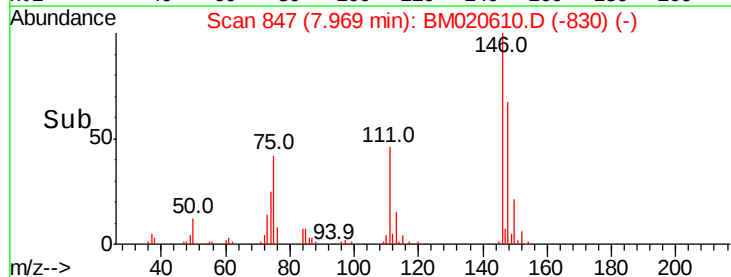
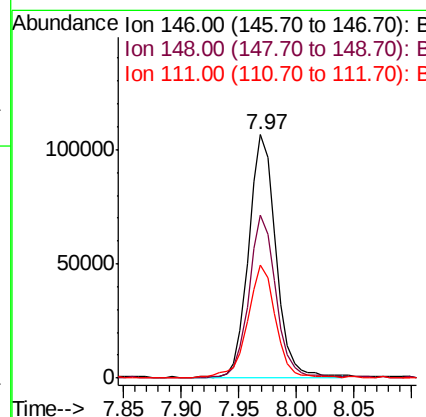
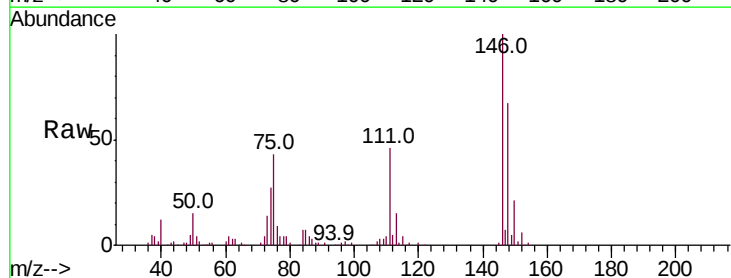
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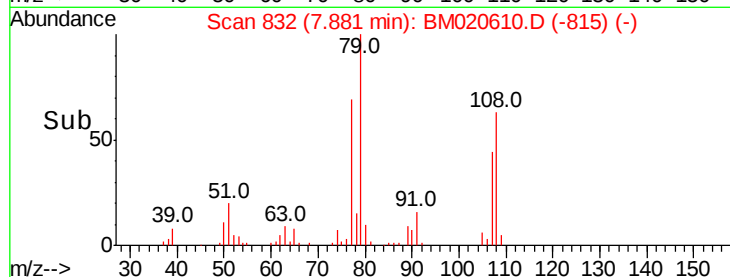
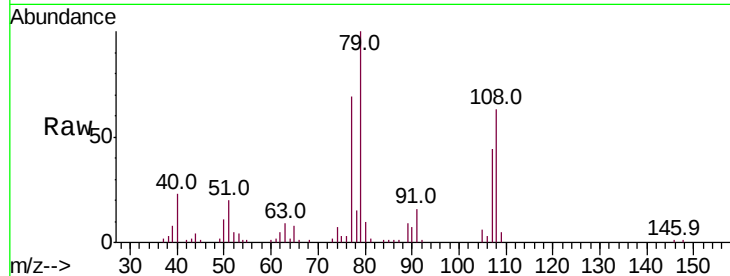
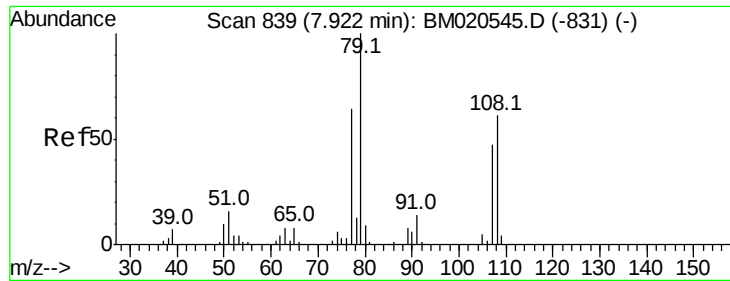
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#14
 1,2-Dichlorobenzene
 Concen: 38.450 ng
 RT: 7.97 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	173334		
148	67.1	51.2	76.8	
111	46.2	35.2	52.8	





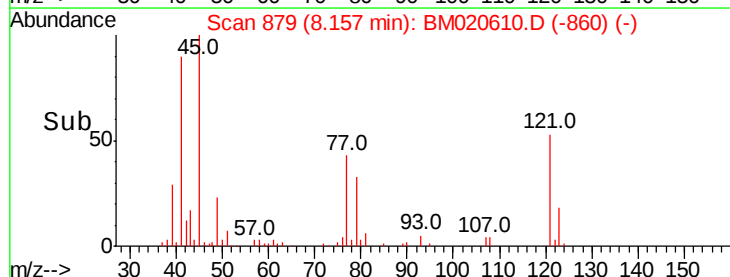
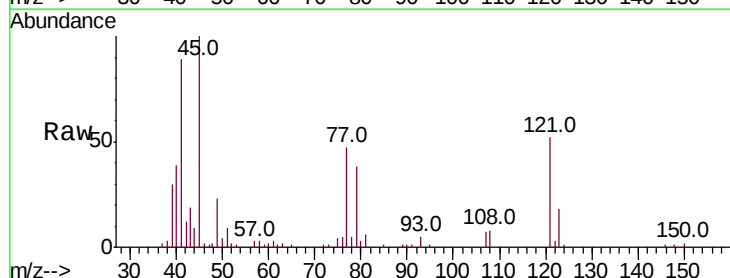
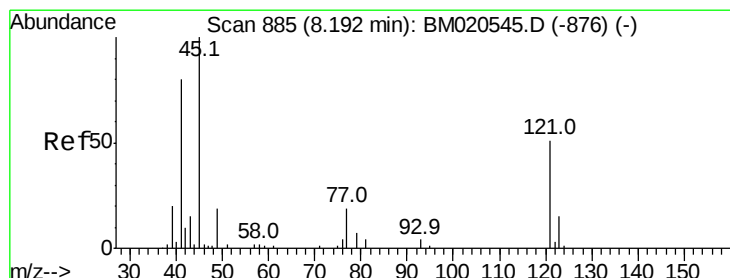
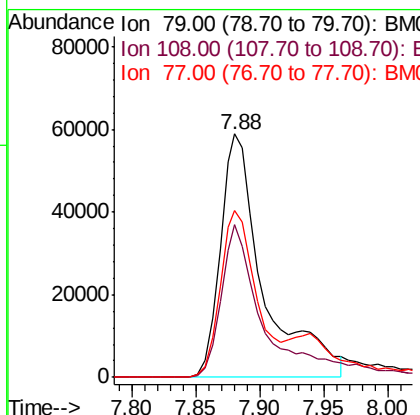
#15
Benzyl Alcohol
Concen: 34.728 ng m
RT: 7.88 min Scan# 832
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.7	48.5	72.7
77	68.7	50.9	76.3

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

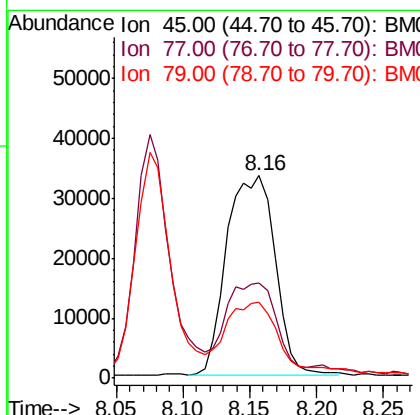
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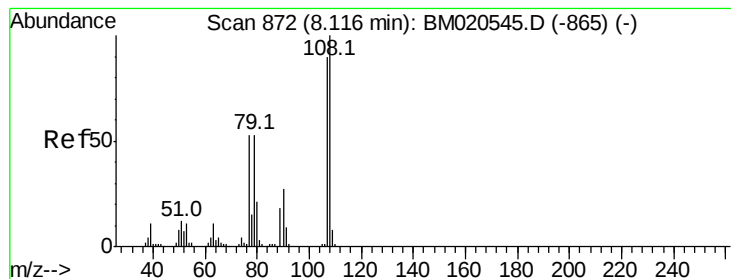
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.433 ng
RT: 8.16 min Scan# 879
Delta R.T. 0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.2	25.0	65.0
79	37.5	13.1	53.1





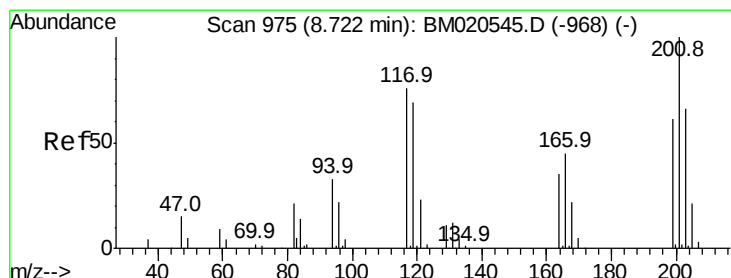
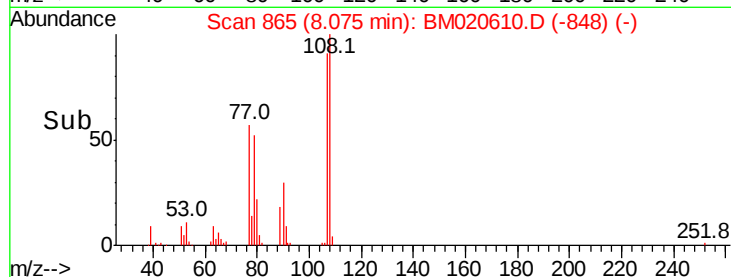
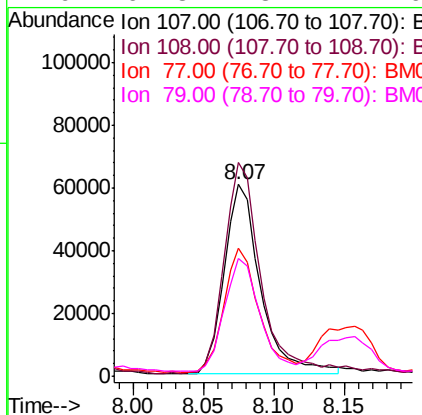
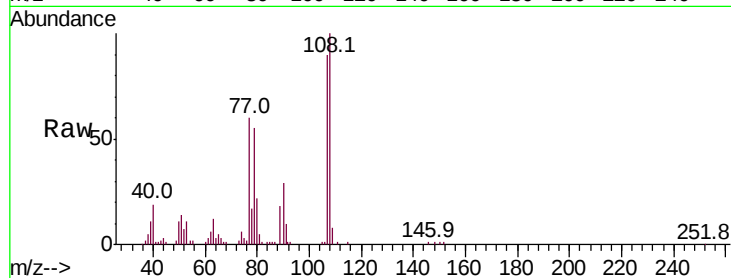
#17
2-Methylphenol
Concen: 35.377 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	89.4	134.2	
77	66.6	48.2	72.4	
79	61.8	48.4	72.6	

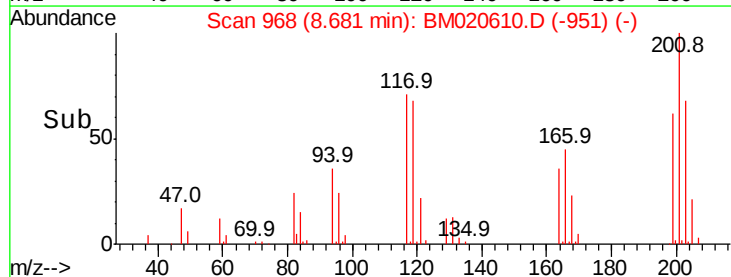
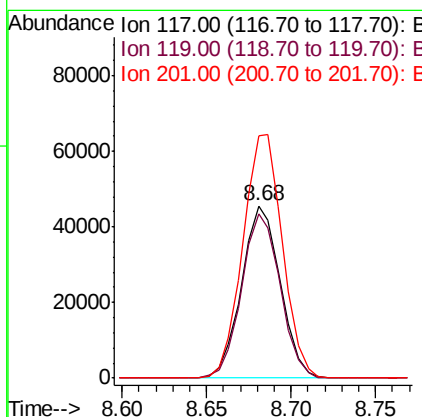
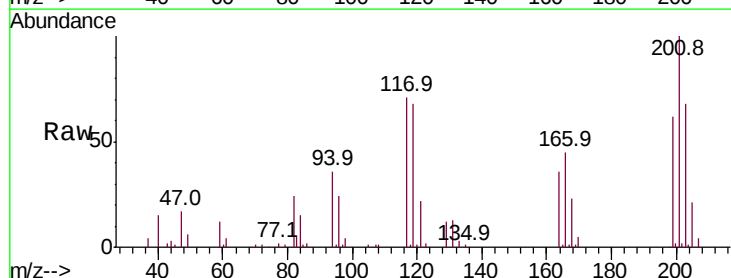
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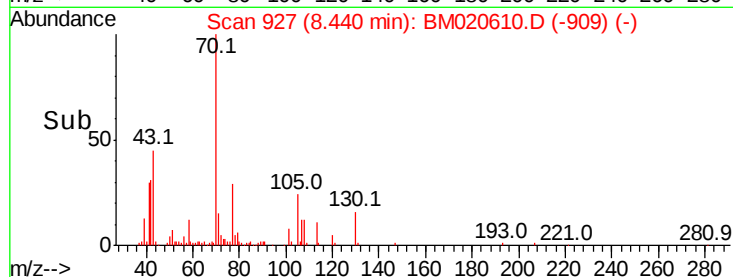
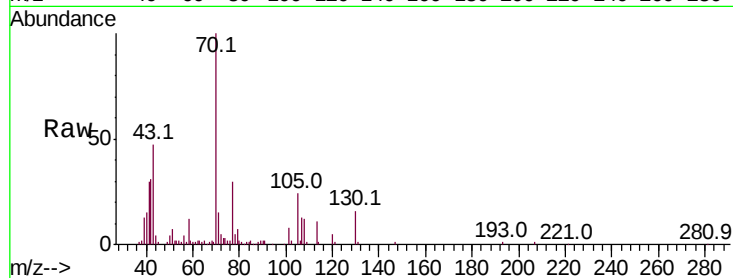
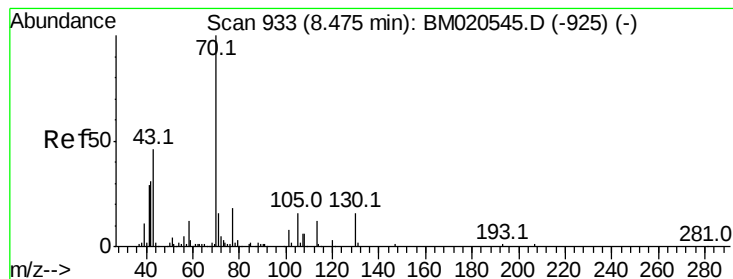
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#18
Hexachloroethane
Concen: 39.749 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	73.2	109.8	
201	140.9	105.8	158.8	





#19

n-Nitroso-di-n-propylamine

Concen: 34.888 ng

RT: 8.44 min Scan# 927

Delta R.T. 0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion: 70 Resp: 134322

Ion Ratio Lower Upper

70 100

42 31.0 24.7 37.1

101 8.2 6.8 10.2

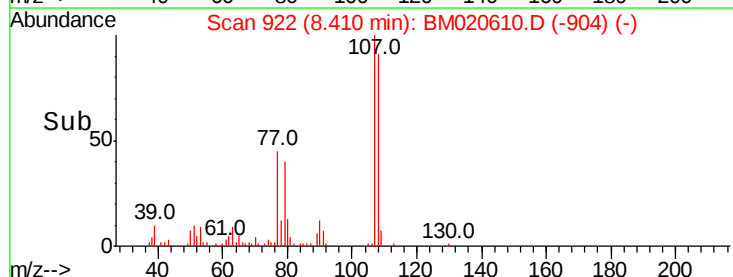
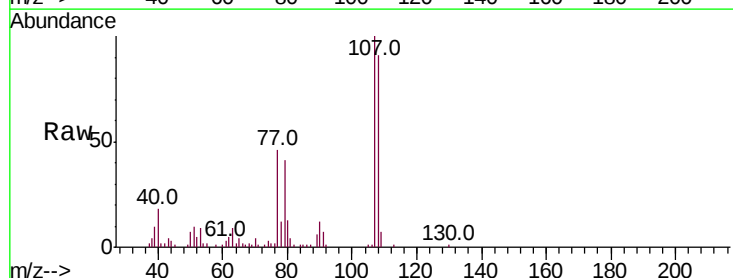
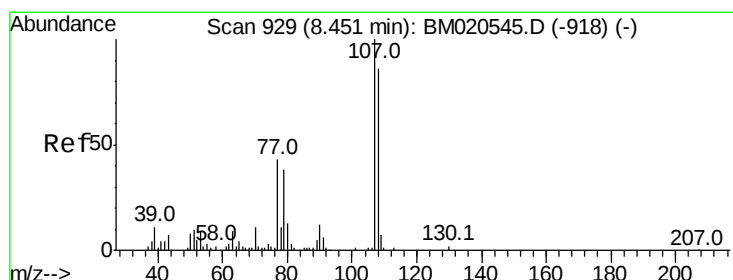
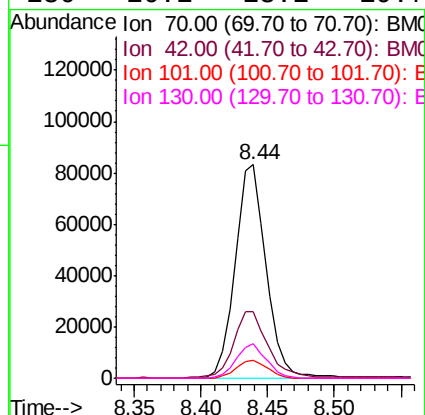
130 16.1 13.1 19.7

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#20

3+4-Methylphenols

Concen: 34.306 ng

RT: 8.41 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:107 Resp: 142211

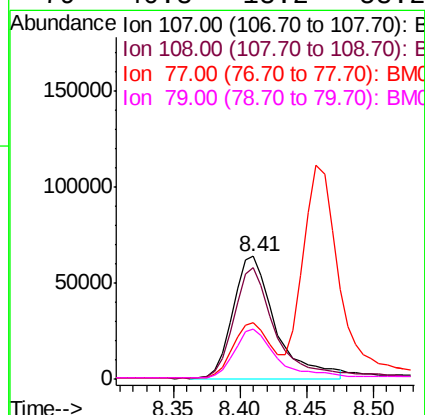
Ion Ratio Lower Upper

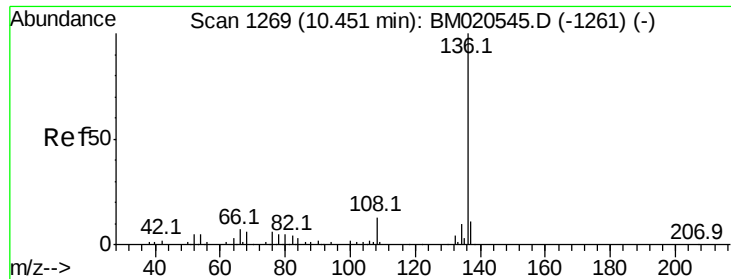
107 100

108 91.2 66.5 106.5

77 45.6 23.0 63.0

79 40.8 18.2 58.2





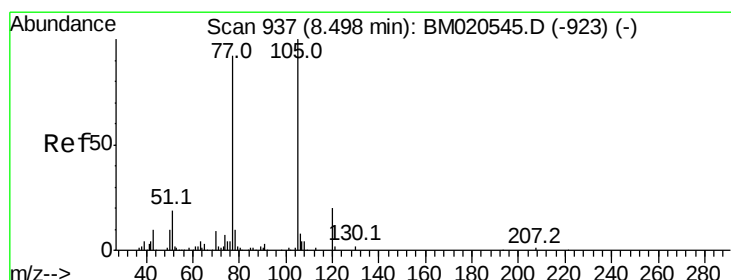
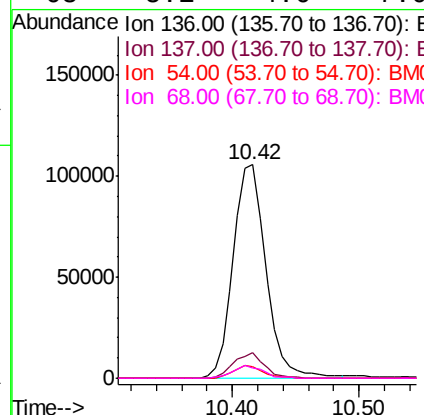
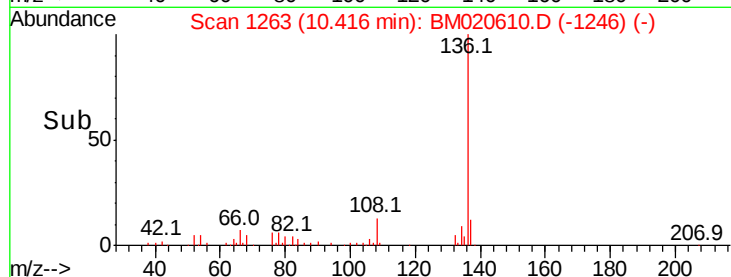
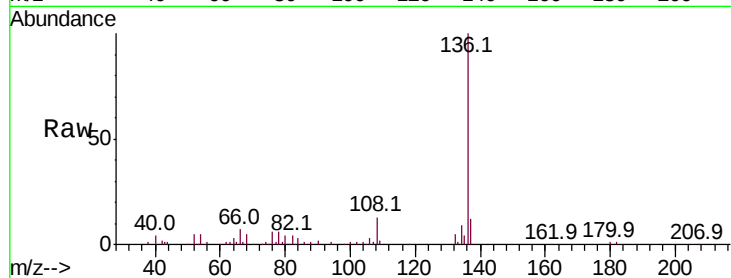
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	189589		
137	11.7	8.4	12.6	
54	5.3	4.2	6.4	
68	5.1	4.6	7.0	

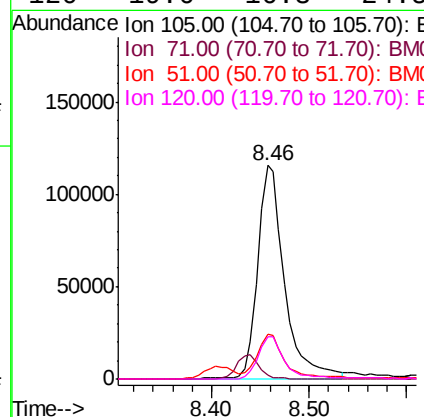
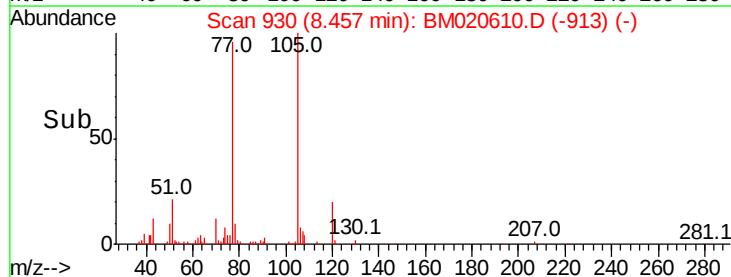
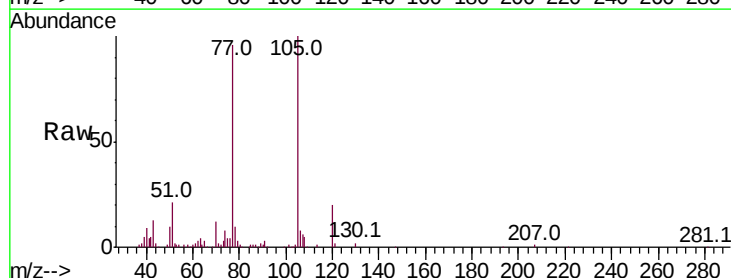
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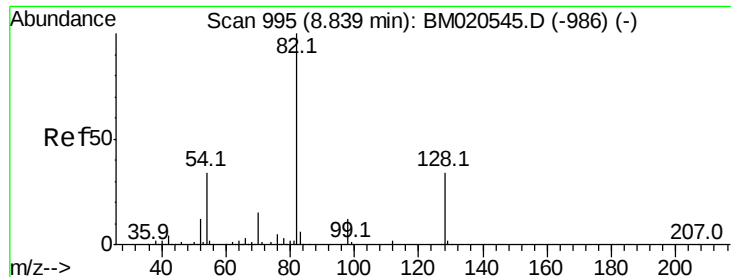
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#22
Acetophenone
Concen: 43.052 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224764		
71	1.9	1.3	1.9	
51	20.9	15.7	23.5	
120	19.6	16.3	24.5	





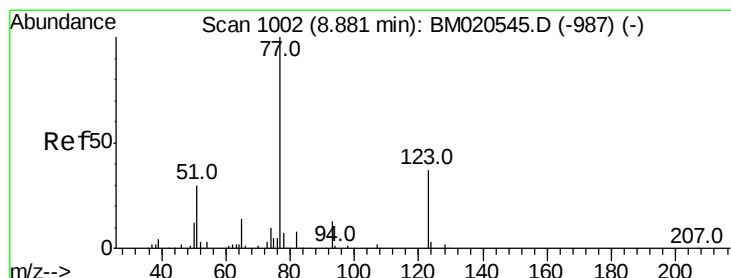
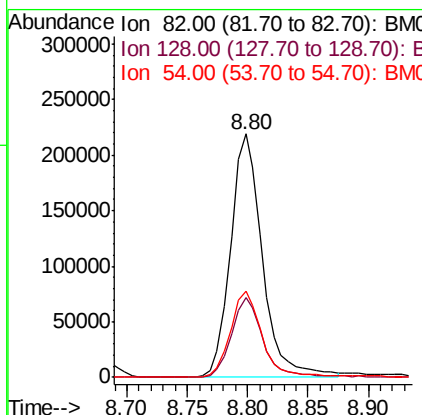
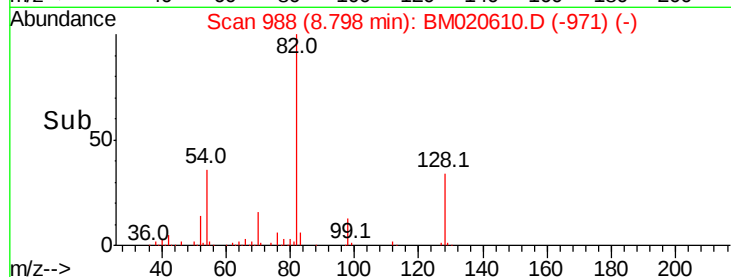
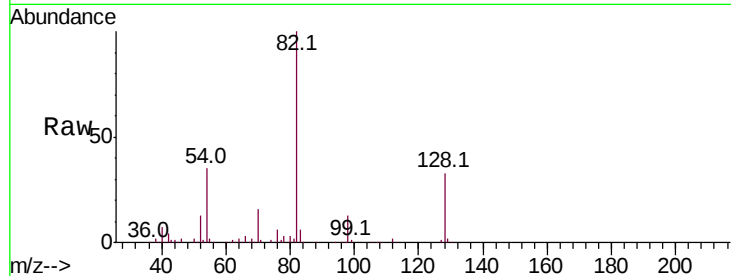
#23
 Nitrobenzene-d5
 Concen: 89.209 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.8	27.0	40.4	
54	35.2	27.4	41.2	

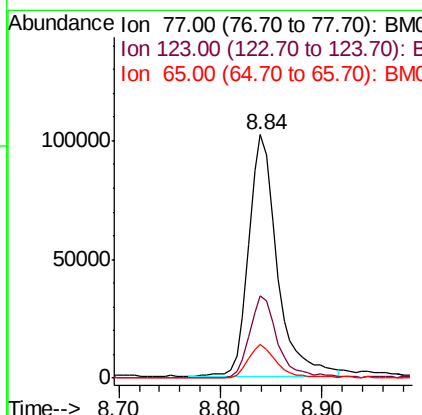
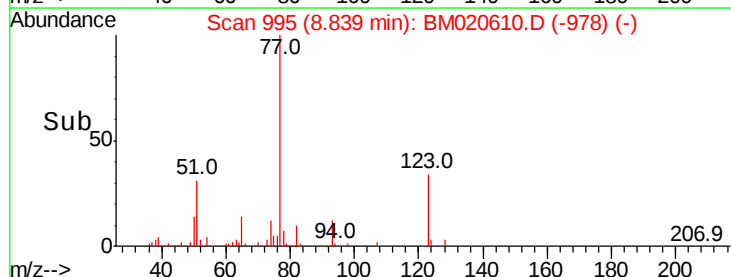
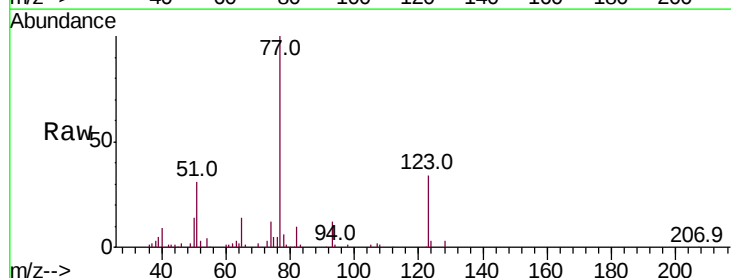
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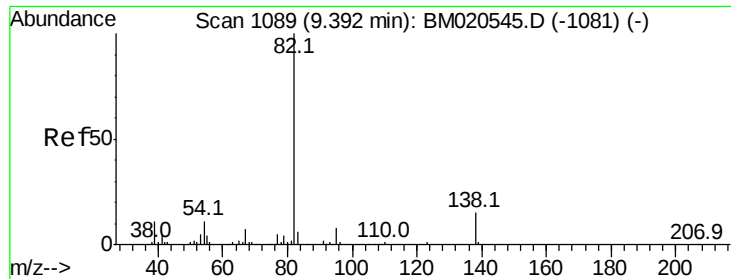
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#24
 Nitrobenzene
 Concen: 44.574 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	33.6	29.4	44.2	
65	13.9	10.8	16.2	





#25

Isophorone

Concen: 42.488 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

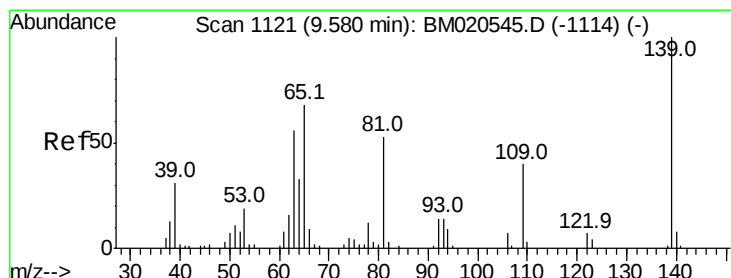
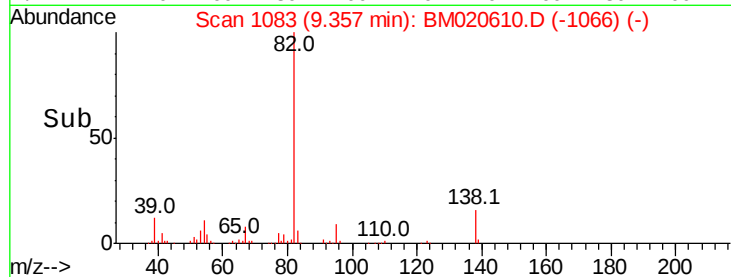
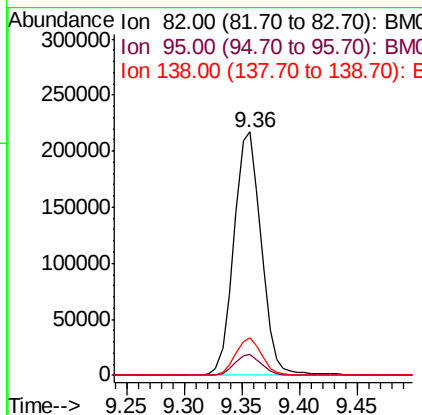
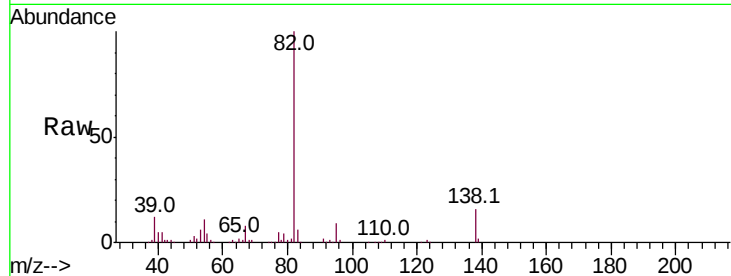
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	82	Resp:	357098
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.7	10.1
138	15.5	12.0	18.0

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#26

2-Nitrophenol

Concen: 40.086 ng

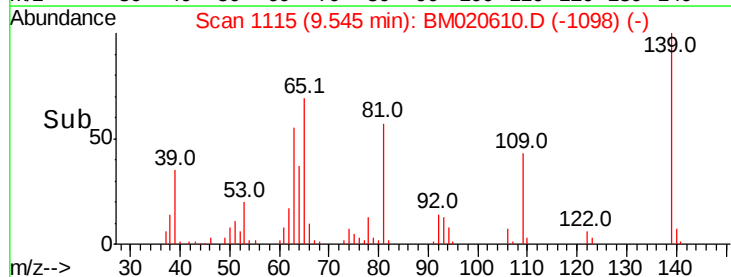
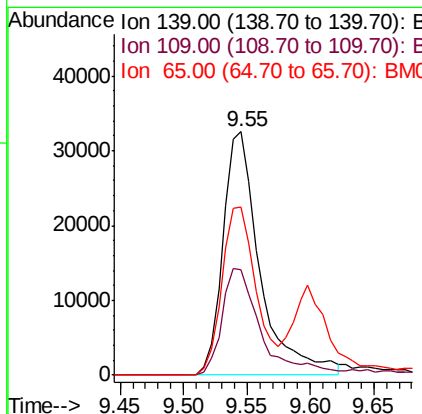
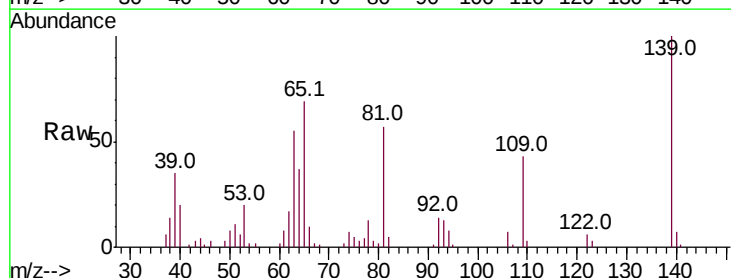
RT: 9.55 min Scan# 1115

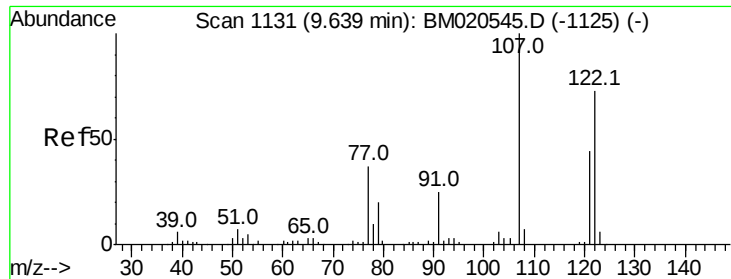
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	139	Resp:	65980
Ion Ratio	Lower	Upper	
139	100		
109	43.4	32.3	48.5
65	69.1	54.4	81.6





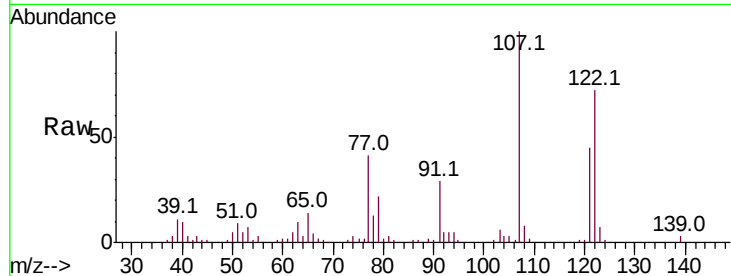
#27
 2,4-Dimethylphenol
 Concen: 44.999 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.1	108.2	162.2
121	62.6	47.4	71.0

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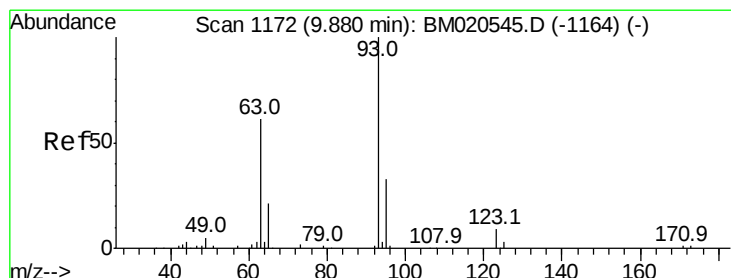
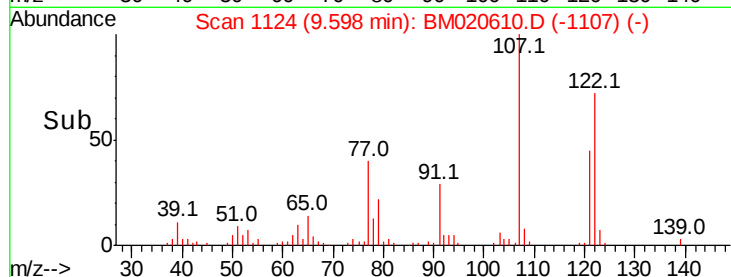
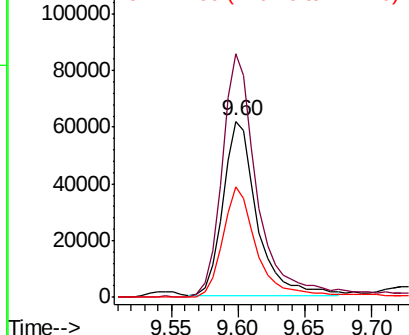


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.893 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

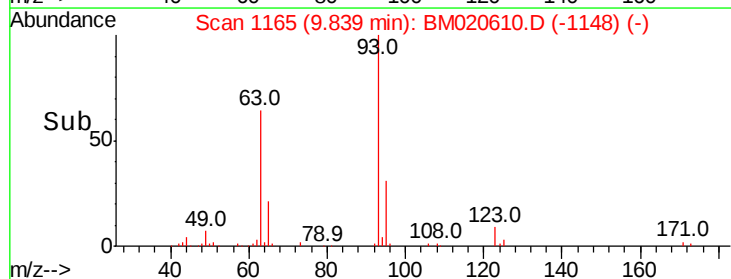
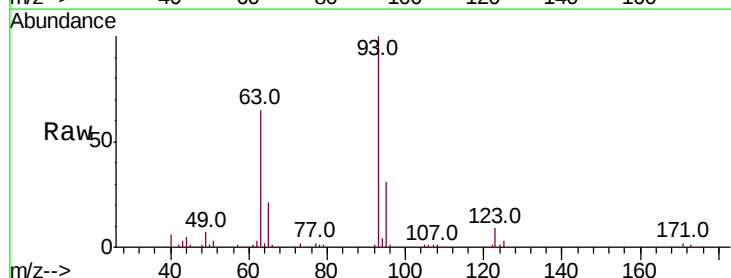
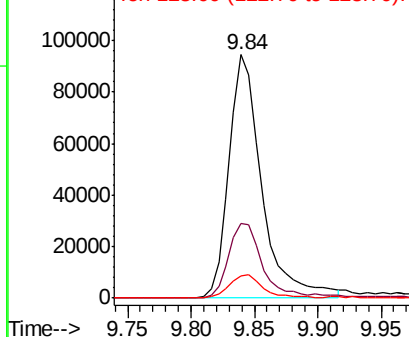
Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	26.1	39.1
123	9.2	8.1	12.1

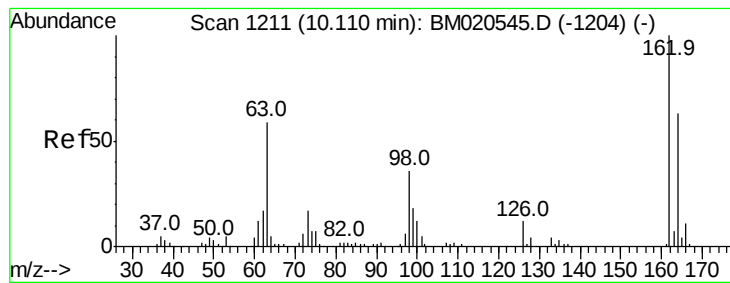
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





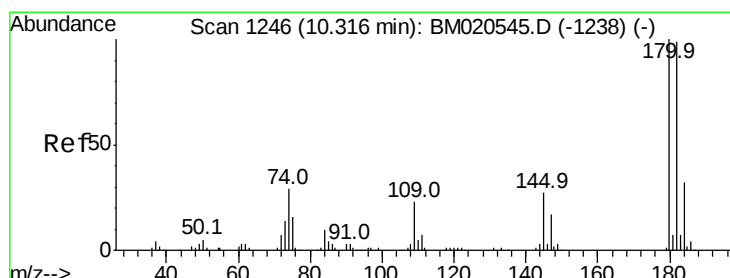
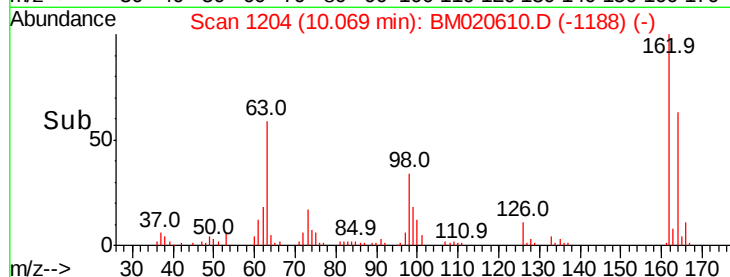
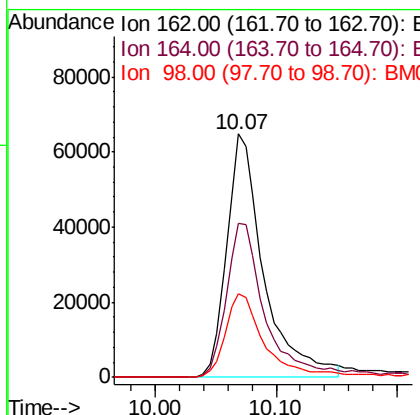
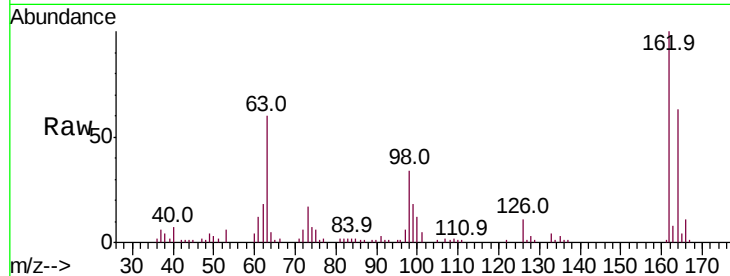
#29
2,4-Dichlorophenol
Concen: 42.211 ng
RT: 10.07 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	43.1	83.1
98	34.4	16.2	56.2

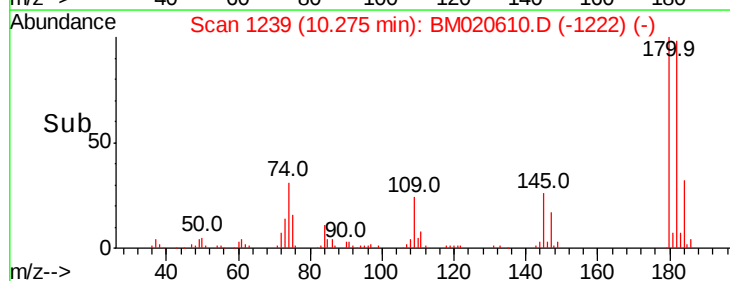
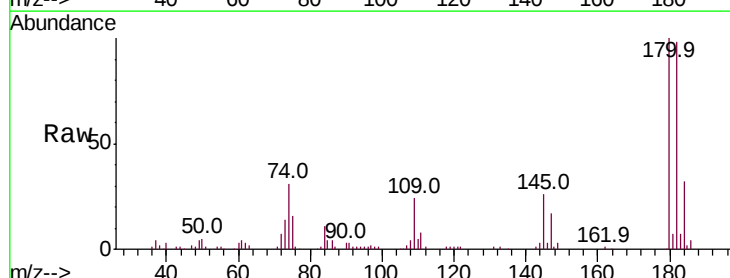
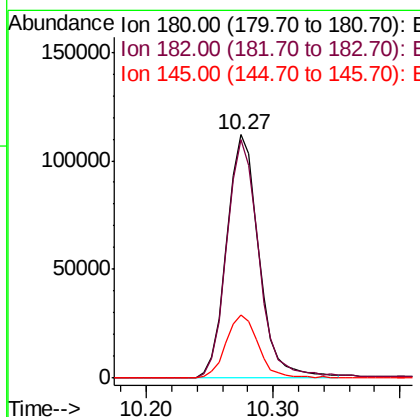
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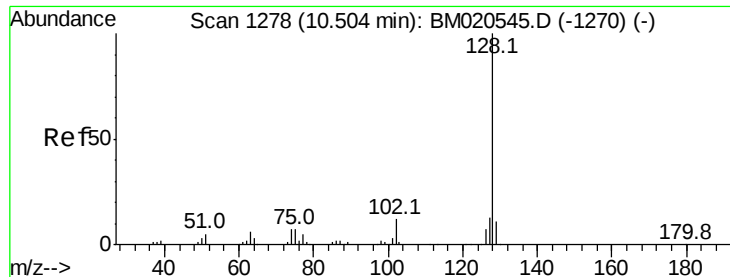
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.461 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.9	78.8	118.2
145	26.0	21.3	31.9





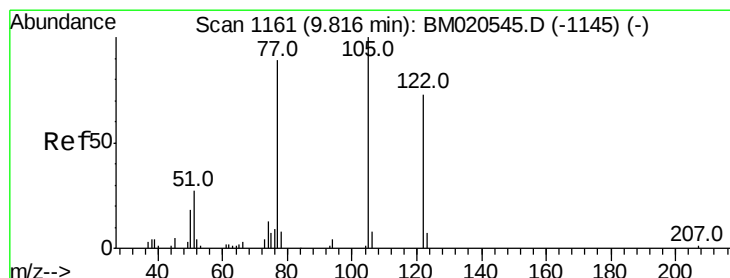
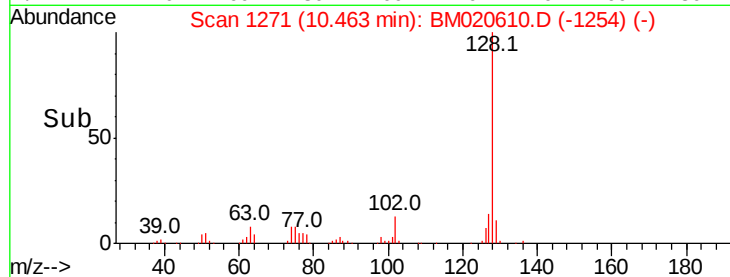
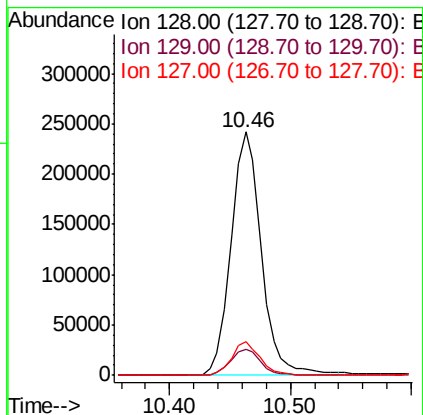
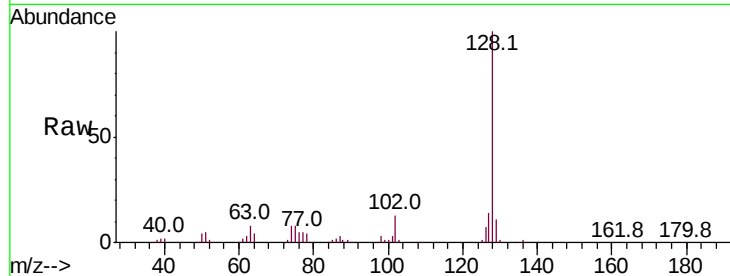
#31
Naphthalene
Concen: 43.336 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	10.4	15.6

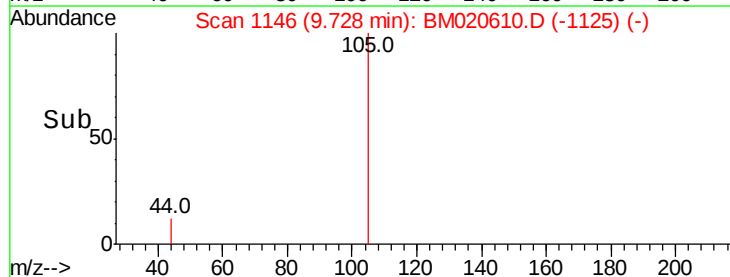
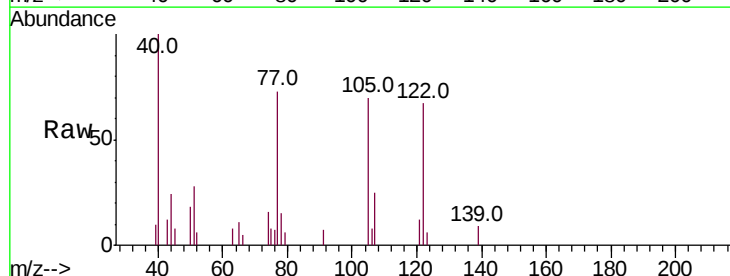
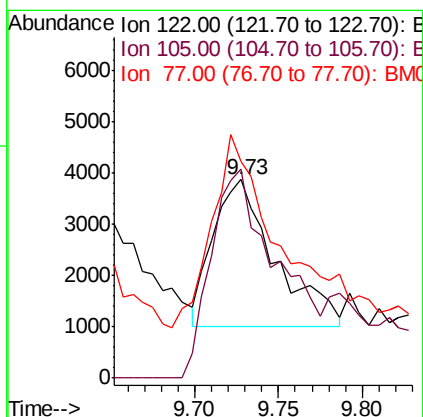
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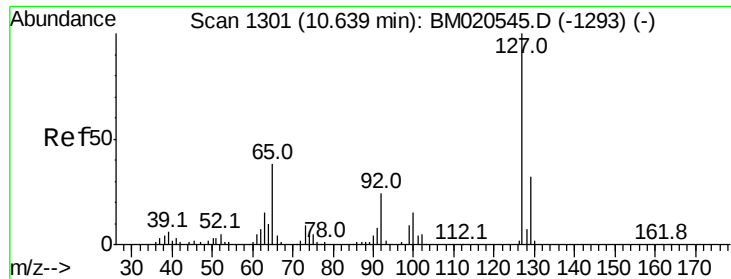
mohammad
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#32
Benzoic acid
Concen: 13.620 ng m
RT: 9.73 min Scan# 1146
Delta R.T. 0.02 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.2	108.8	148.8#
77	109.4	97.8	137.8





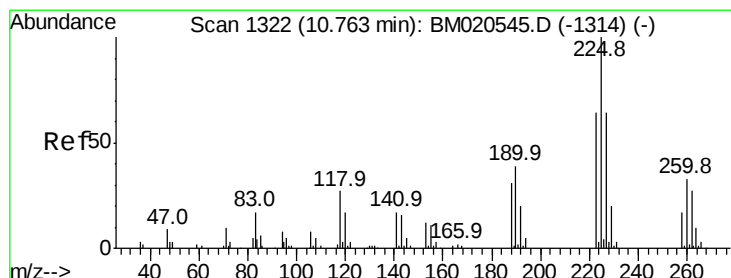
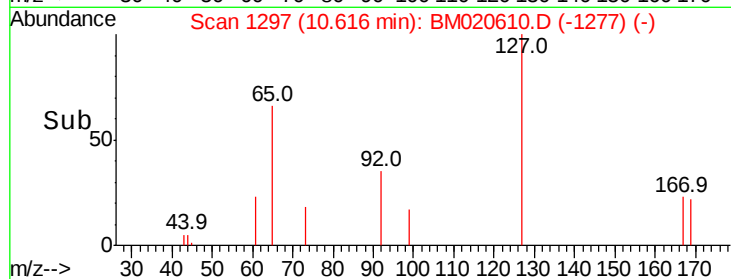
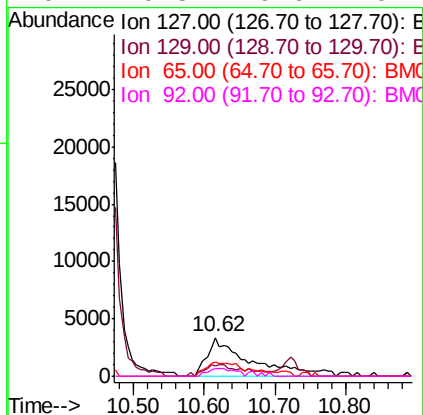
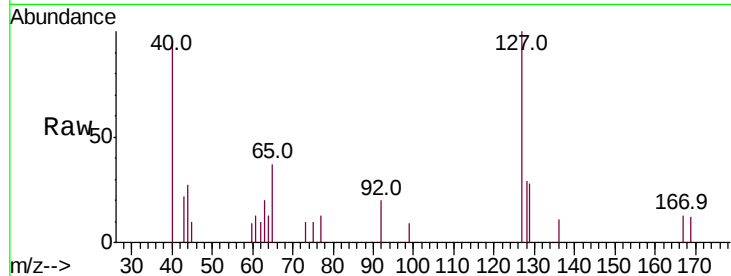
#33
4-Chloroaniline
Concen: 3.646 ng/mL
RT: 10.62 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.9	25.4	38.2
65	37.0	30.6	45.8
92	19.8	19.6	29.4

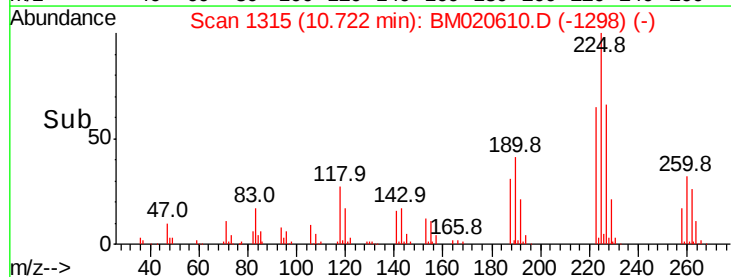
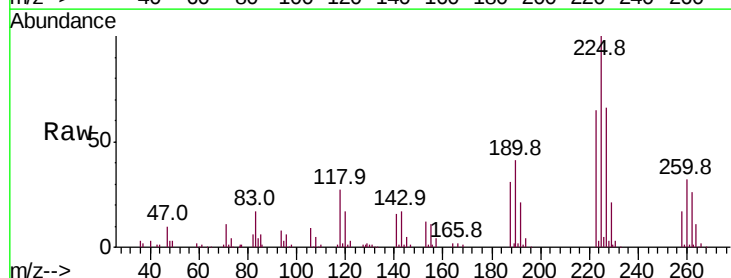
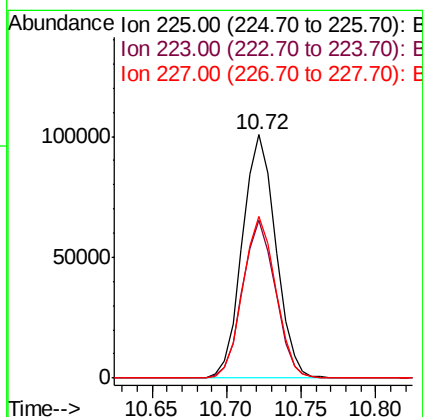
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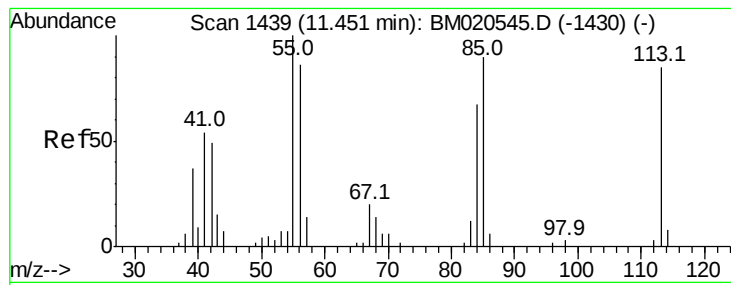
mohammad
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#34
Hexachlorobutadiene
Concen: 47.168 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.0
227	66.2	51.0	76.6





#35

Caprolactam

Concen: 22.320 ng/mL

RT: 11.40 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion: 113 Resp: 23956

Ion Ratio Lower Upper

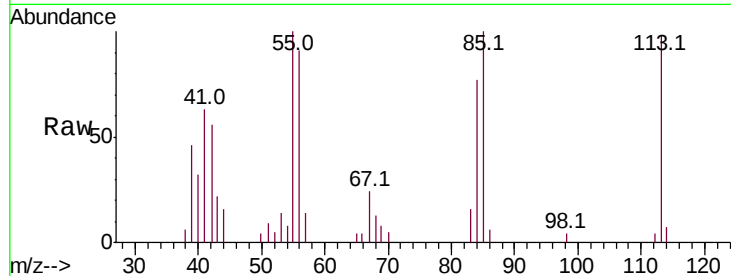
113 100

55 102.3 97.6 137.6

56 93.4 81.6 121.6

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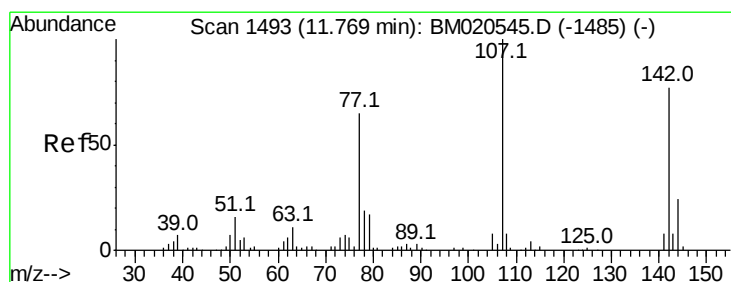
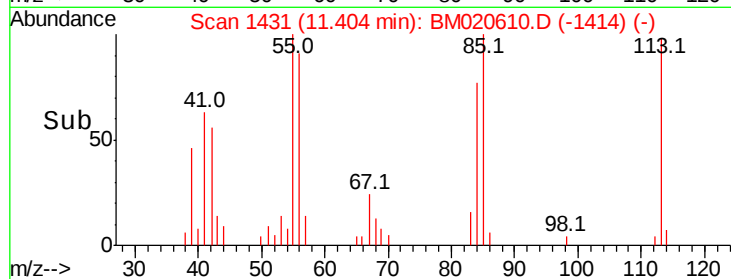
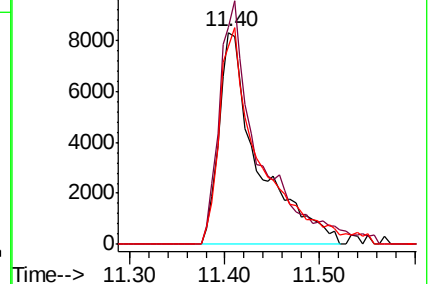
mohammad
5/30/2019 8:16:45 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.544 ng/mL

RT: 11.72 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

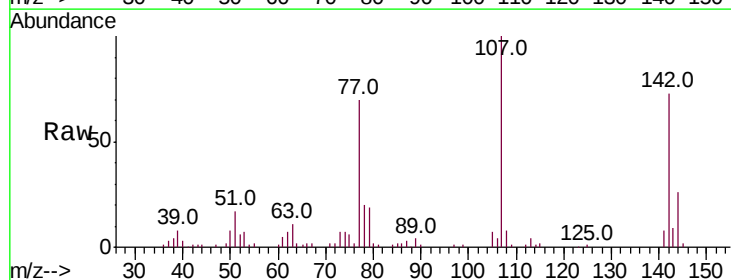
Tgt Ion: 107 Resp: 136787

Ion Ratio Lower Upper

107 100

144 25.6 19.0 28.6

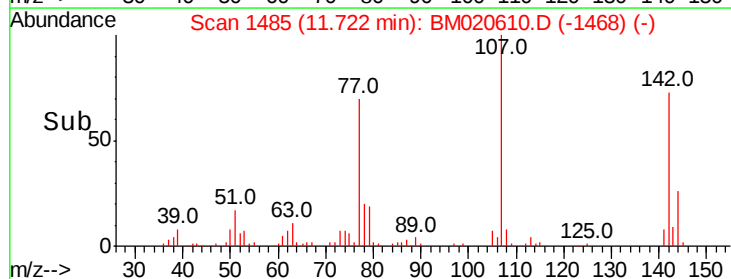
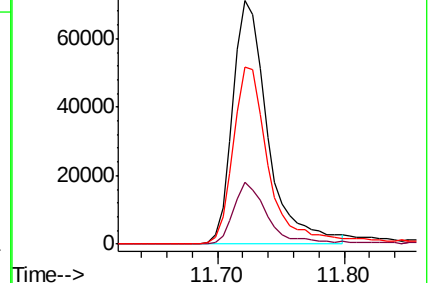
142 72.6 61.3 91.9

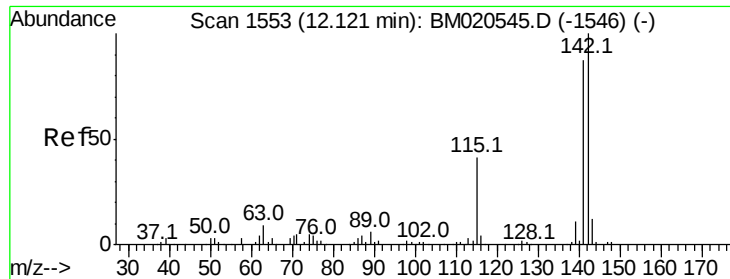


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





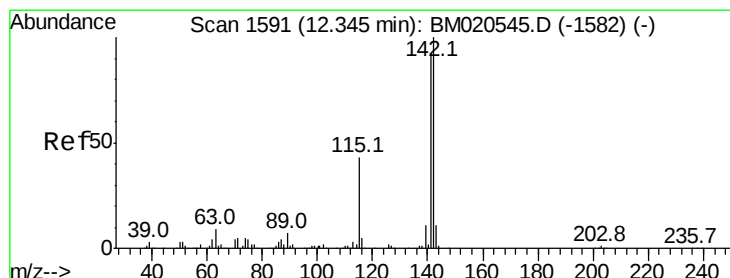
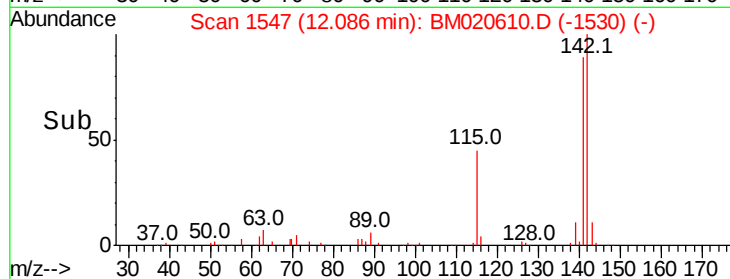
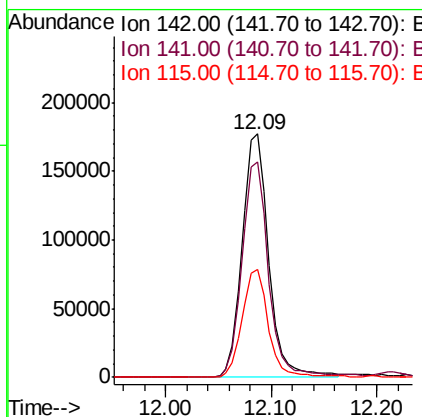
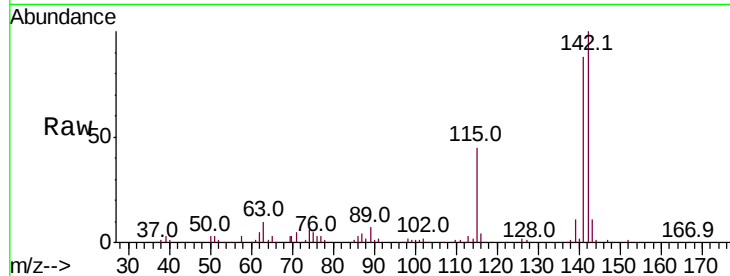
#37
2-Methylnaphthalene
Concen: 41.422 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	309775		
141	88.3	69.9	104.9	
115	44.5	32.9	49.3	

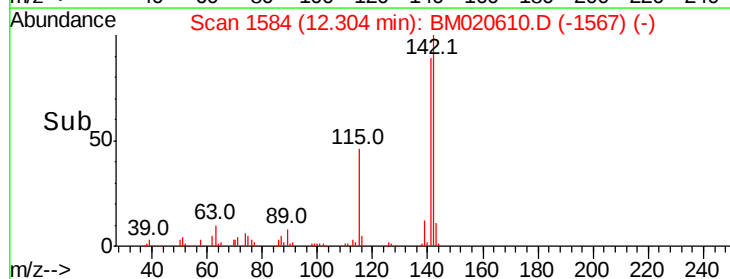
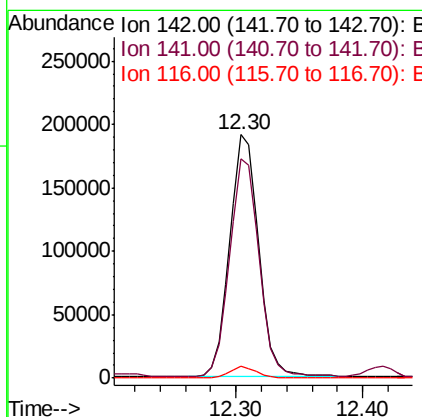
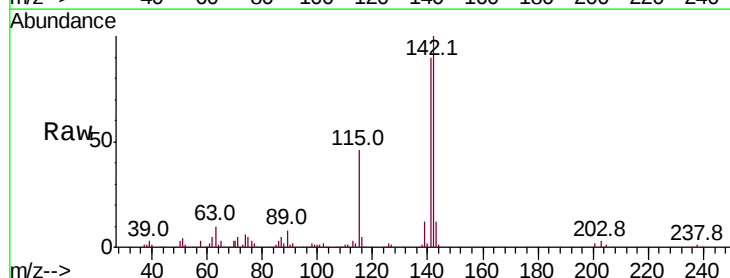
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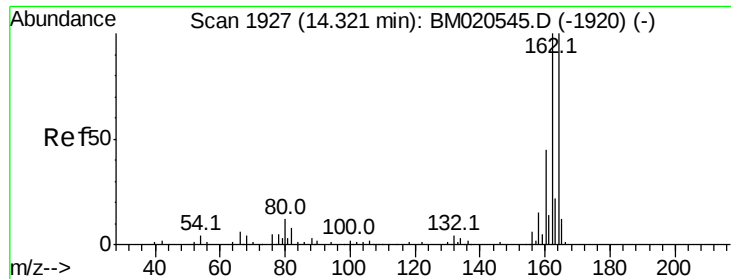
mohammad
5/30/2019 8:16:45 AM



#38
1-Methylnaphthalene
Concen: 41.840 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	303171		
141	90.1	73.7	110.5	
116	4.9	3.7	5.5	





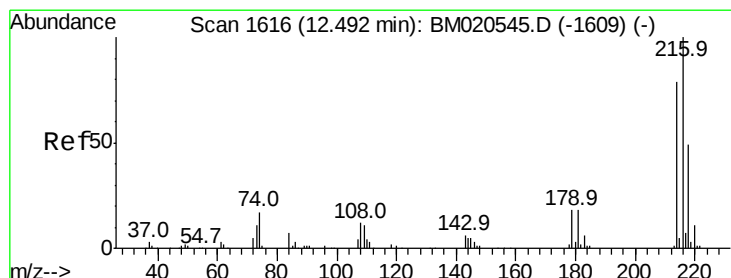
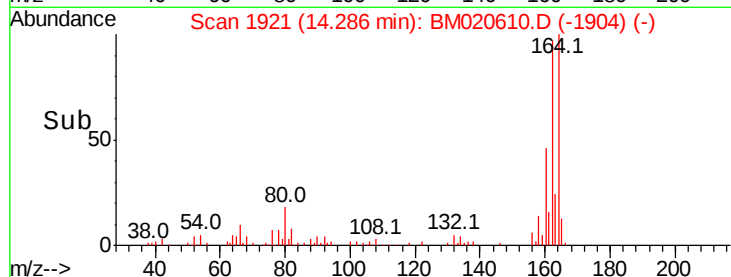
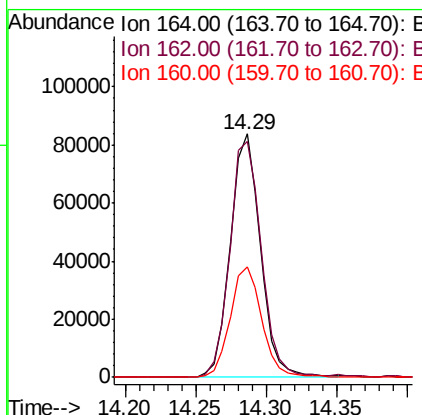
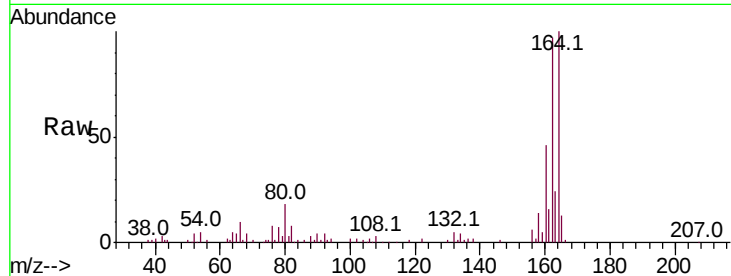
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	79.8	119.8
160	45.5	35.9	53.9

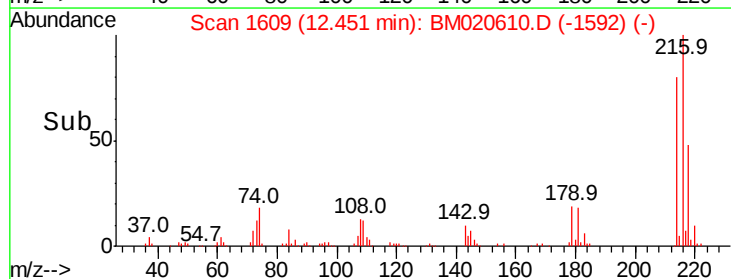
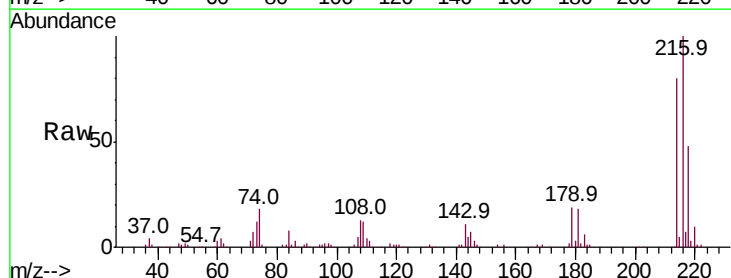
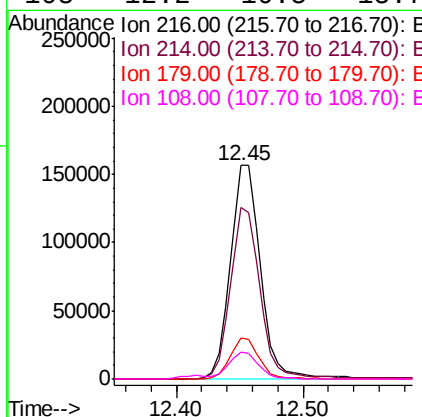
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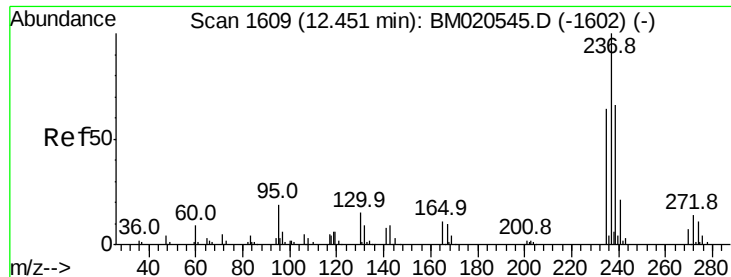
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.803 ng
 RT: 12.45 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	18.5	14.8	22.2
108	12.2	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 57.567 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

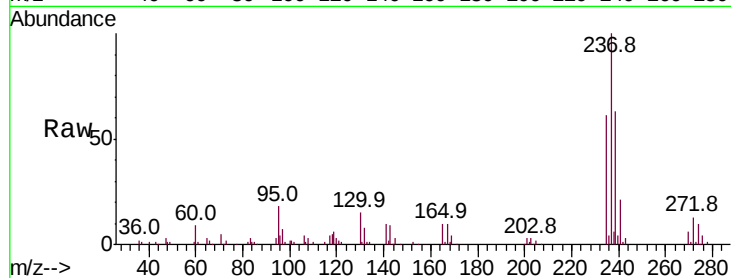
ClientSampleId :

OR-03-052319-AMSD

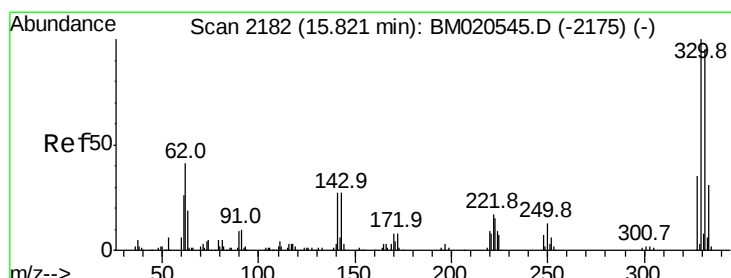
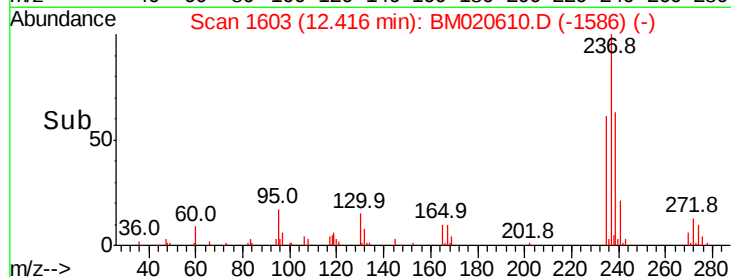
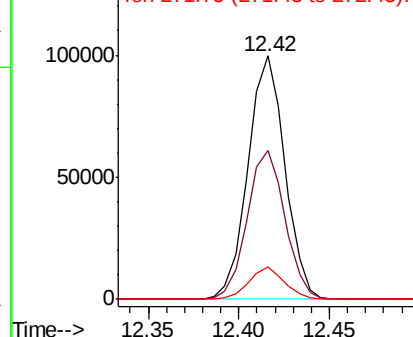
Tot Ion:	237	Resp:	141409
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.5	83.5
272	13.4	0.0	33.9

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.754 ng

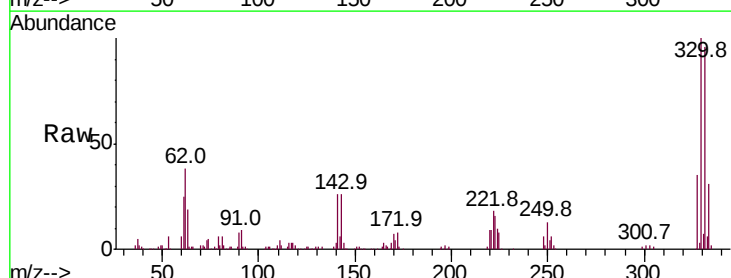
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

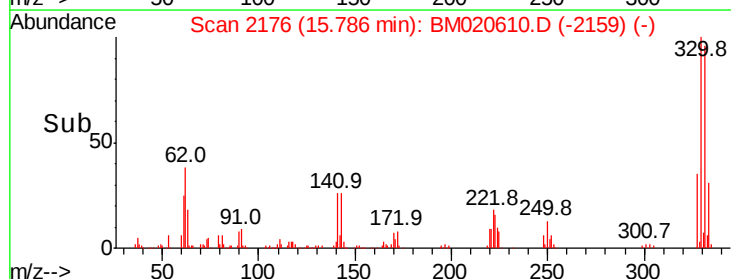
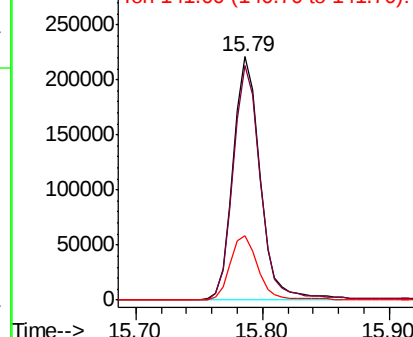
Lab File: BM020610.D

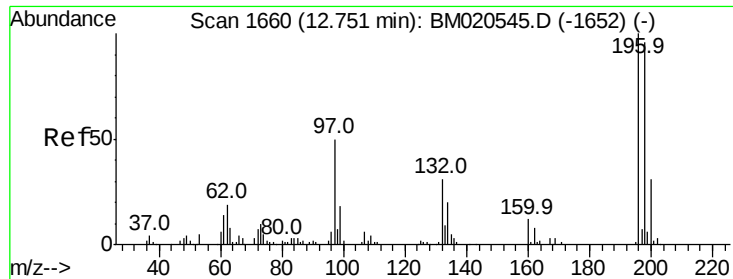
Acq: 29 May 2019 21:39

Tgt Ion:	330	Resp:	327040
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.5	116.3
141	27.2	21.7	32.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.940 ng

RT: 12.71 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

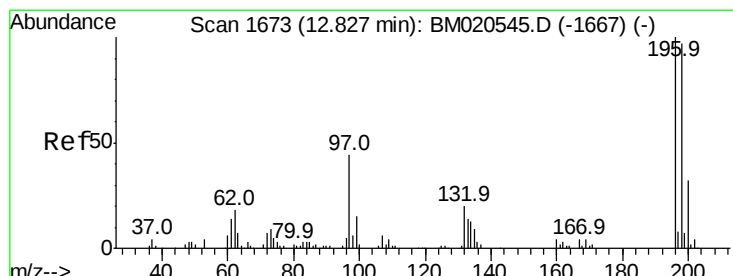
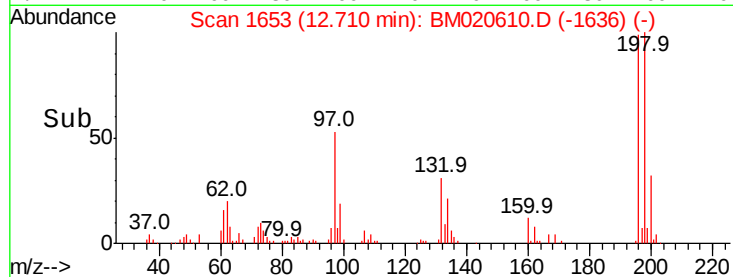
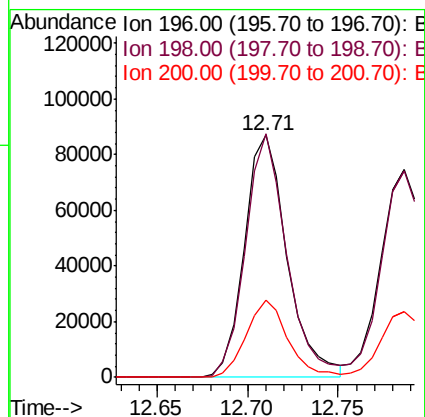
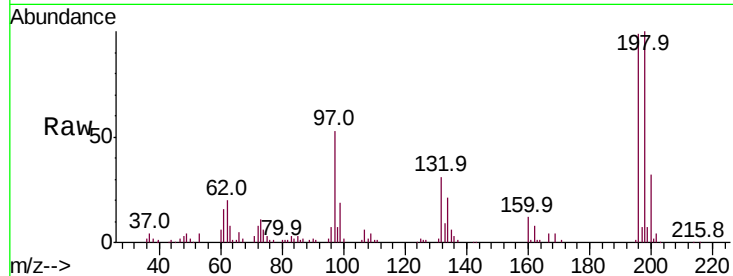
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	196	Resp:	142707
Ion Ratio	Lower	Upper	
196	100		
198	100.7	76.4	114.6
200	31.8	25.0	37.4

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#44

2,4,5-Trichlorophenol

Concen: 44.140 ng

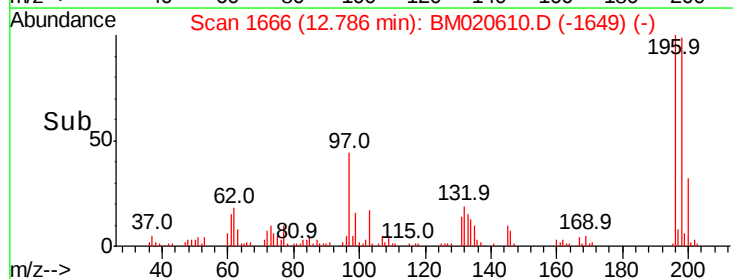
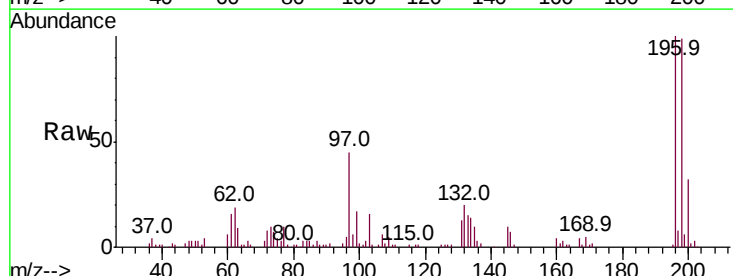
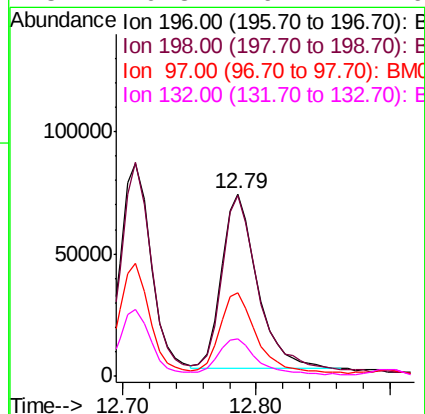
RT: 12.79 min Scan# 1666

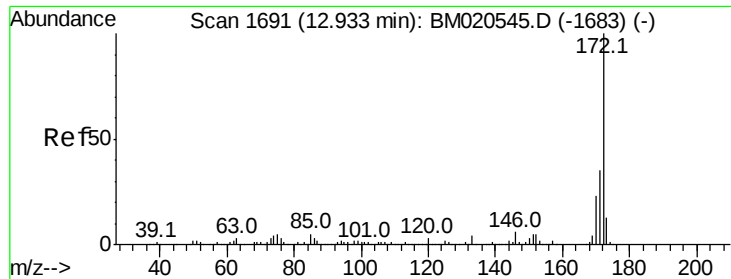
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	196	Resp:	133868
Ion Ratio	Lower	Upper	
196	100		
198	99.2	77.6	116.4
97	45.4	35.4	53.0
132	20.3	16.4	24.6





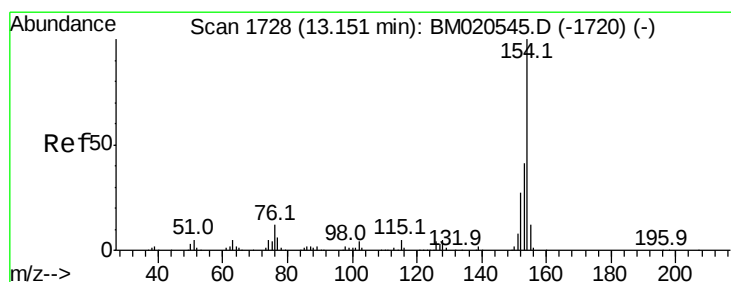
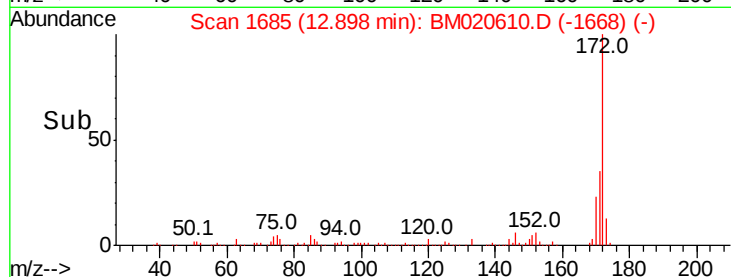
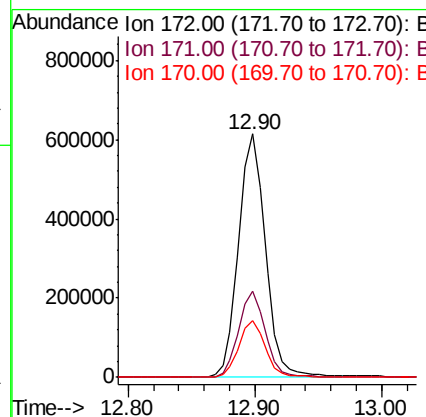
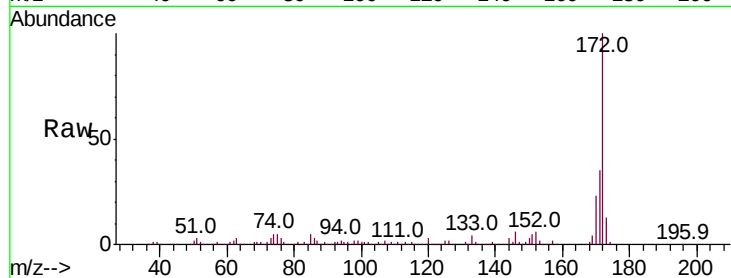
#45
 2-Fluorobiphenyl
 Concen: 91.096 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion:	172	Resp:	906331
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.9	41.9
170	23.5	18.2	27.4

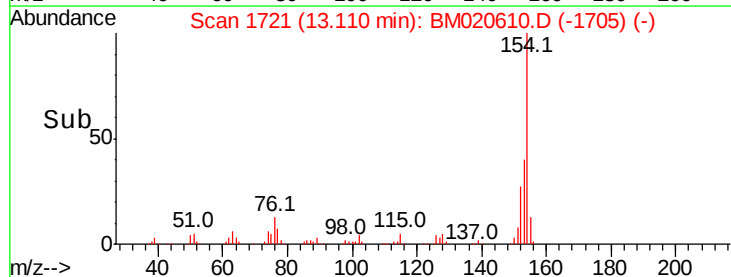
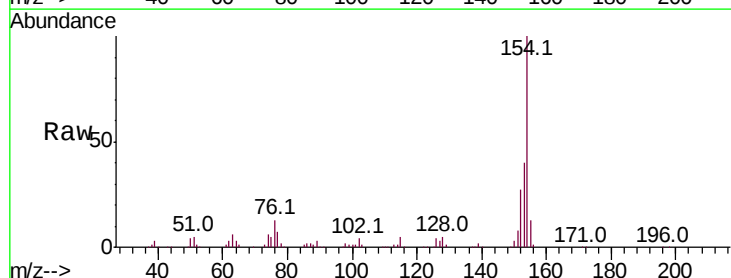
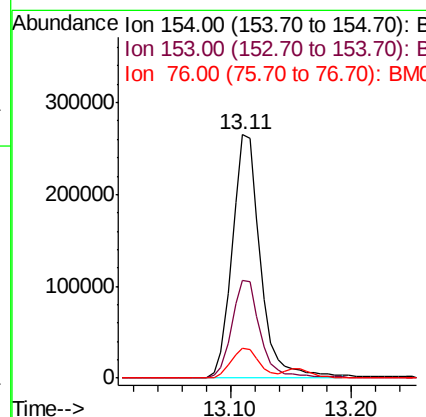
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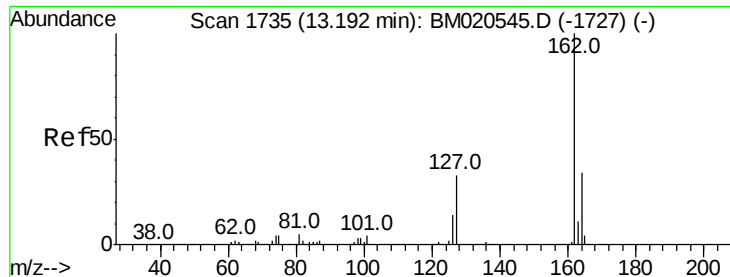
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#46
 1,1'-Biphenyl
 Concen: 44.951 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:	154	Resp:	432204
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.6	60.6
76	12.5	0.0	32.2





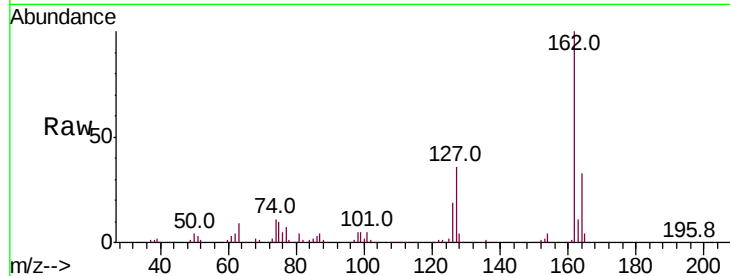
#47
 2-Chloronaphthalene
 Concen: 43.153 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

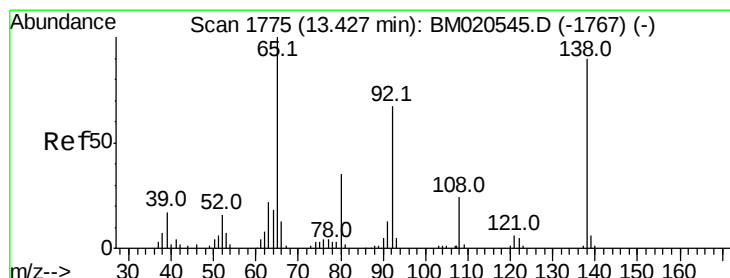
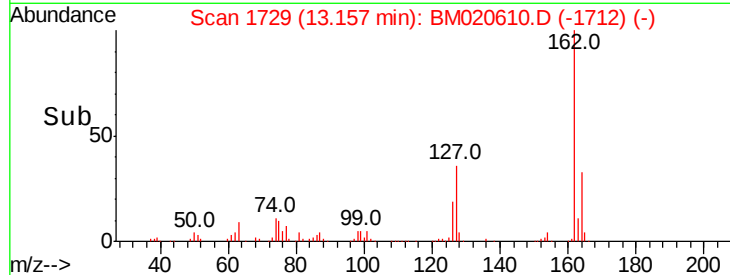
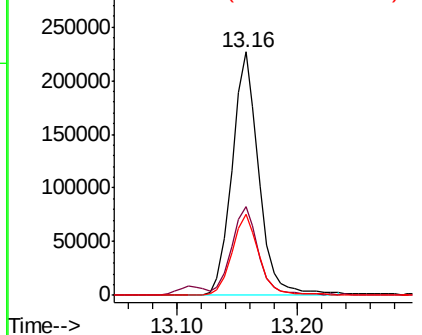
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.5	29.2	43.8	
164	33.3	27.4	41.2	

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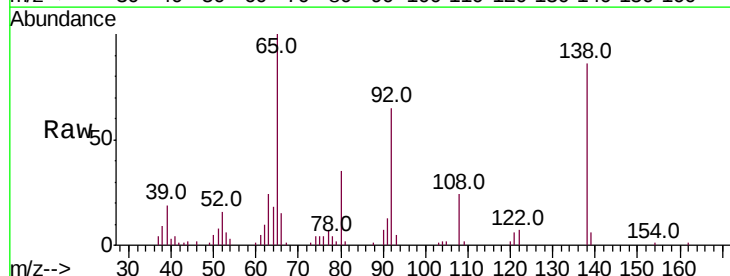


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

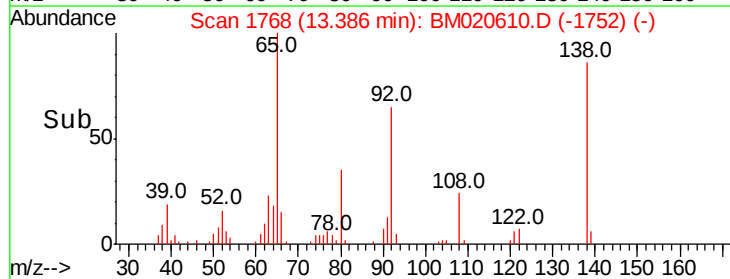
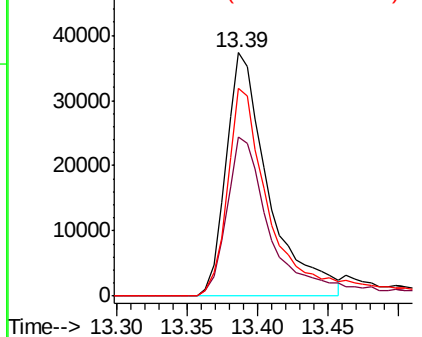


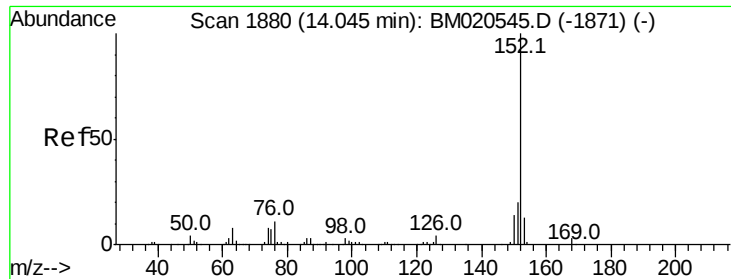
#48
 2-Nitroaniline
 Concen: 32.627 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.3	53.6	80.4	
138	85.6	72.0	108.0	



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.357 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

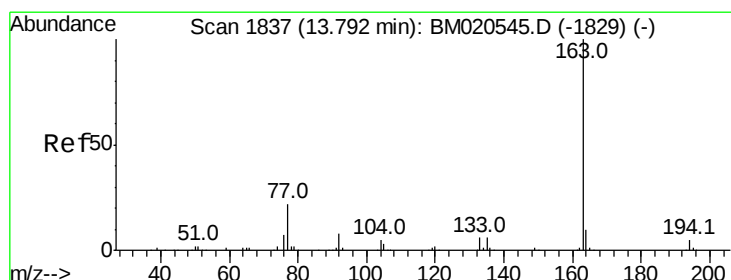
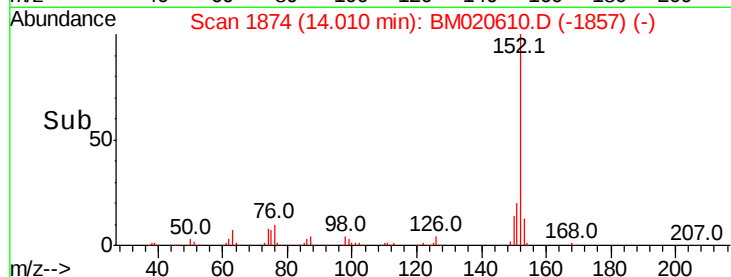
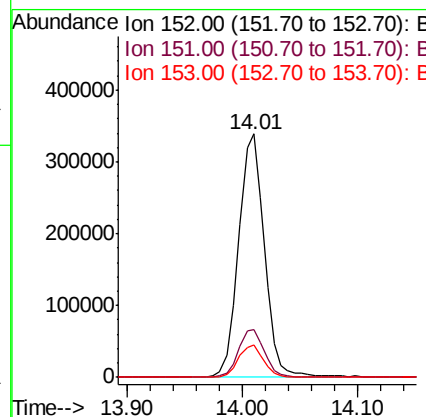
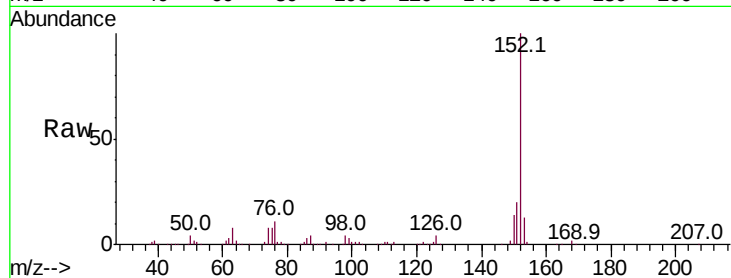
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	152	Resp:	525028
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.7	23.5
153	13.1	10.2	15.2

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#50

Dimethylphthalate

Concen: 41.011 ng

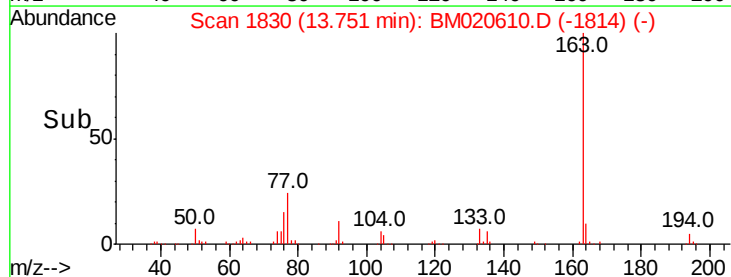
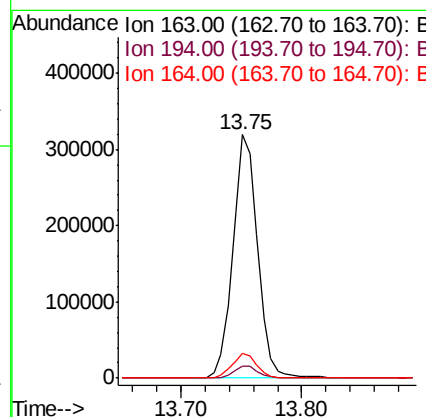
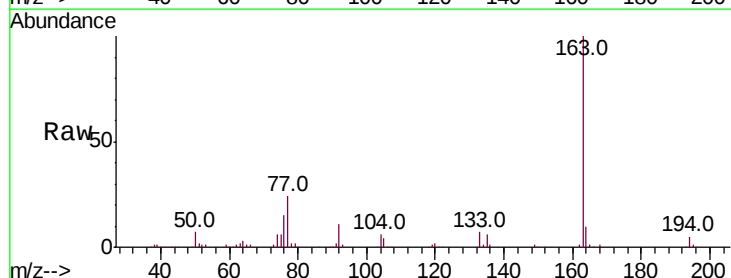
RT: 13.75 min Scan# 1830

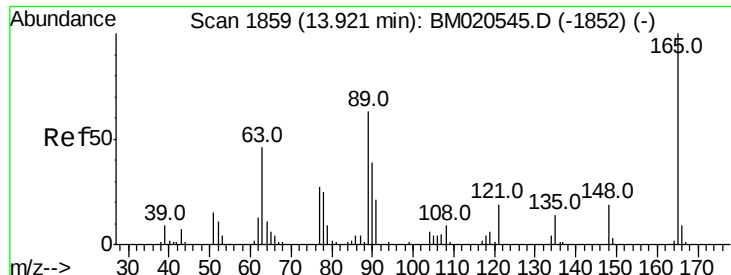
Delta R.T. -0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	163	Resp:	453495
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.9	5.9
164	10.1	8.0	12.0





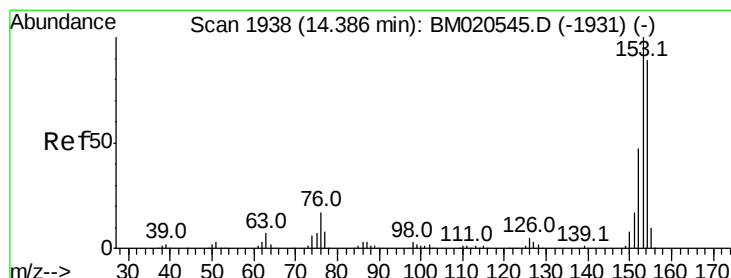
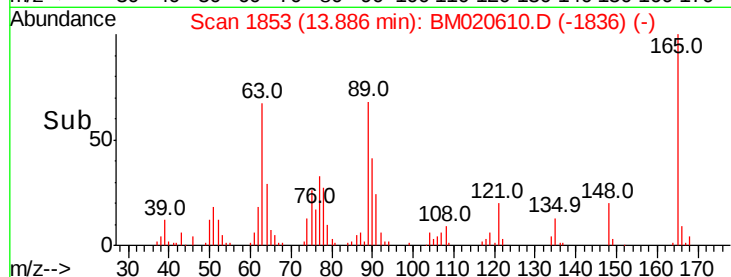
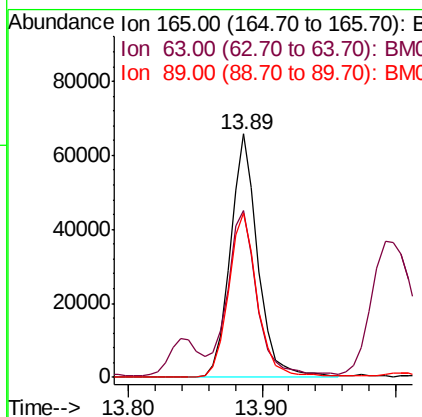
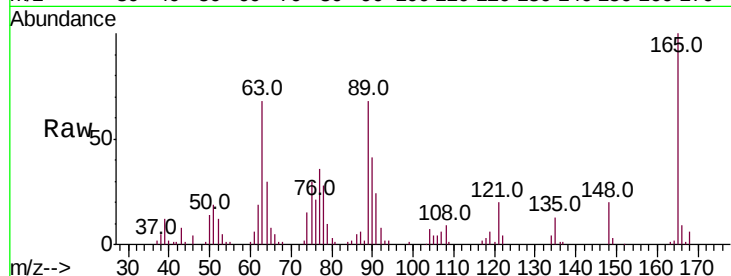
#51
 2,6-Dinitrotoluene
 Concen: 41.041 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.4	49.6	74.4
89	67.6	50.8	76.2

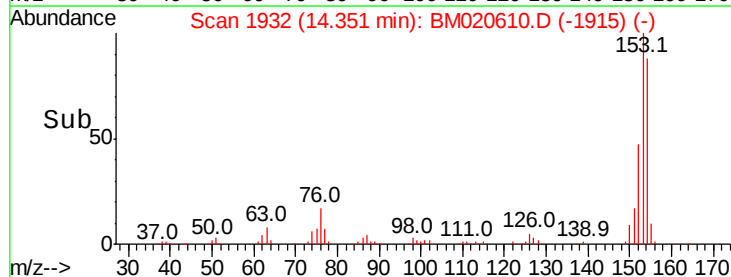
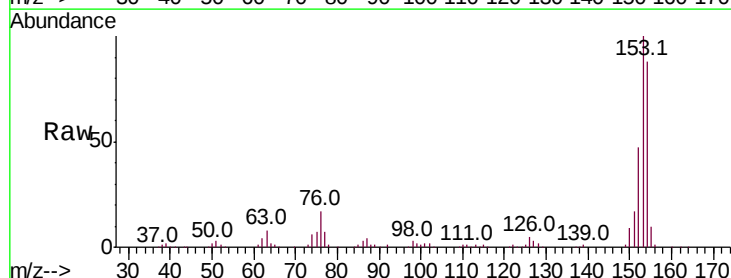
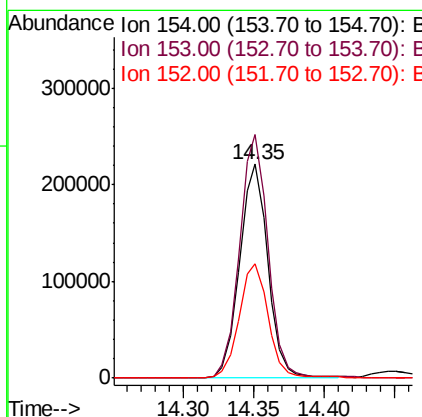
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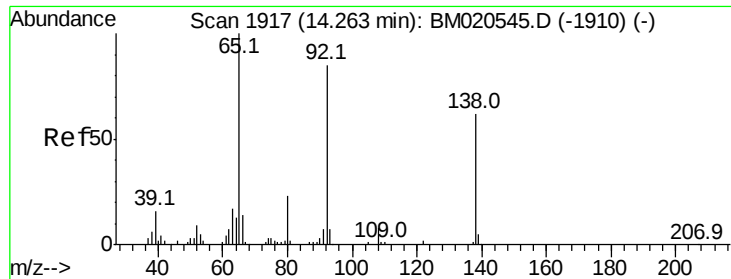
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#52
 Acenaphthene
 Concen: 41.526 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.2	135.4
152	53.8	42.0	63.0





#53

3-Nitroaniline

Concen: 12.366 ng

RT: 14.24 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

ClientSampleId :

OR-03-052319-AMSD

Tot Ion:138 Resp: 15788

Ion Ratio Lower Upper

138 100

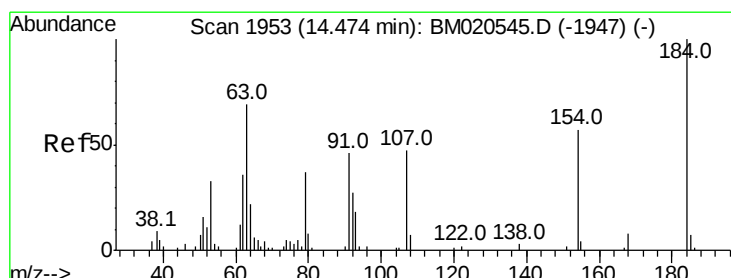
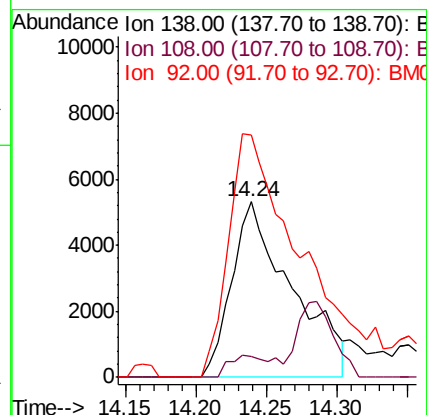
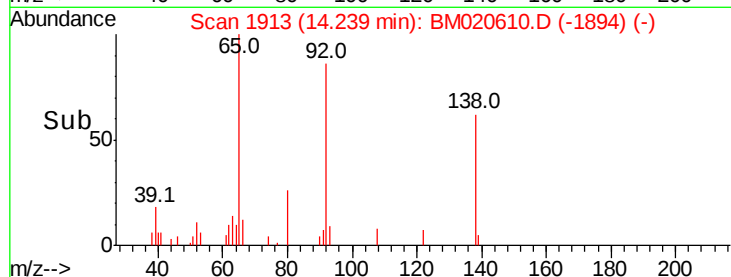
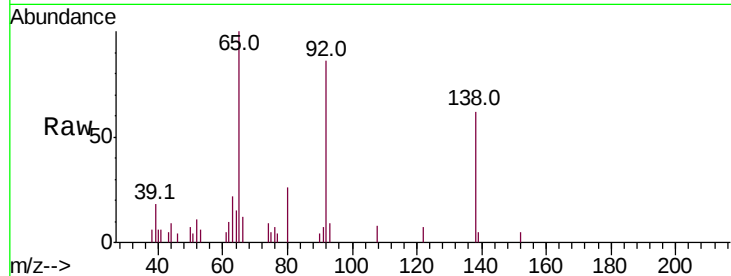
108 12.2 10.1 15.1

92 138.3 109.5 164.3

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#54

2,4-Dinitrophenol

Concen: 26.731 ng

RT: 14.45 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

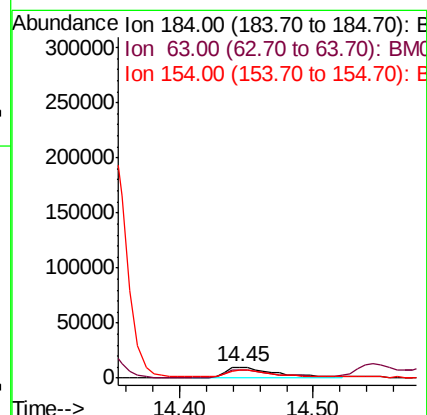
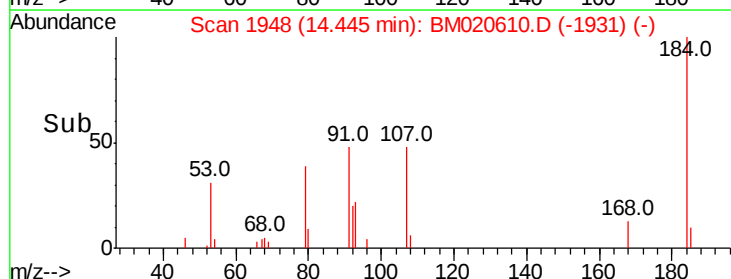
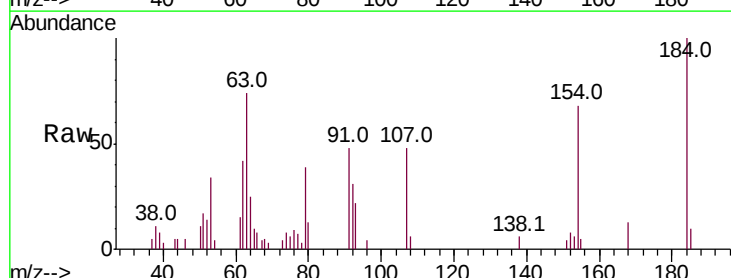
Tgt Ion:184 Resp: 27478

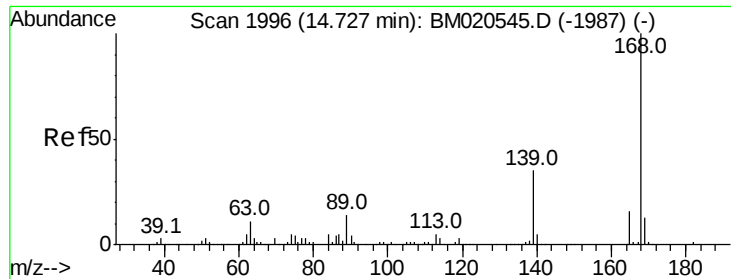
Ion Ratio Lower Upper

184 100

63 74.2 56.3 84.5

154 67.8 49.0 73.6





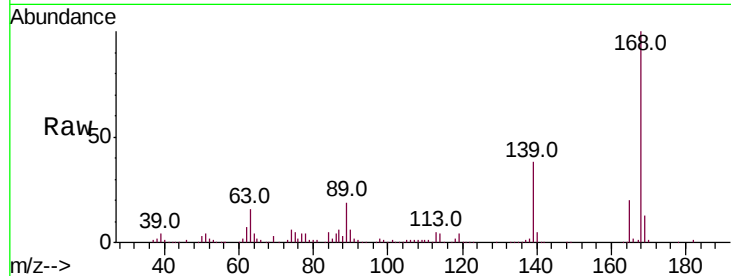
#55
Dibenzenofuran
Concen: 42.894 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

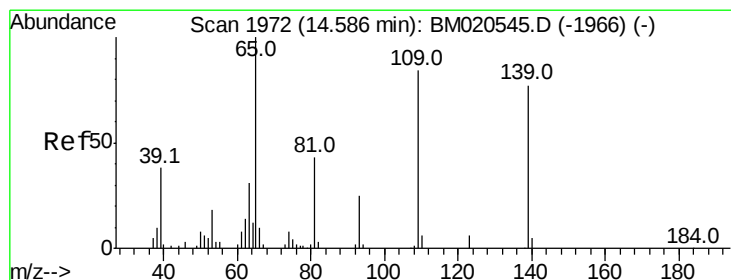
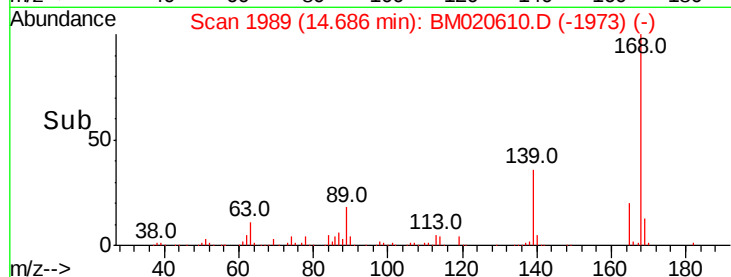
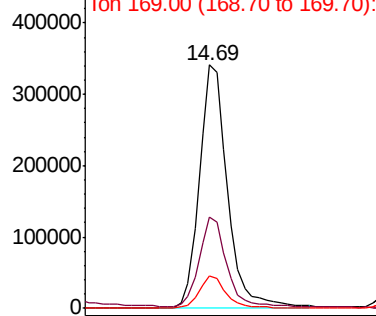
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.2	42.4
169	13.5	10.6	16.0

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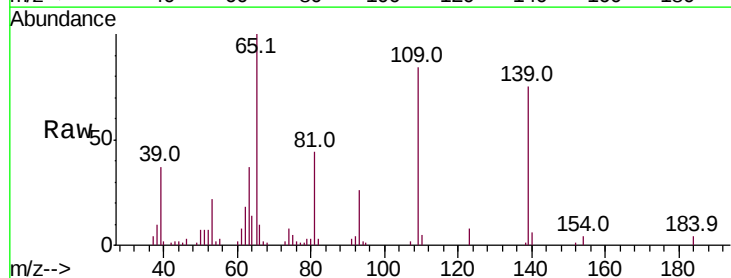


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

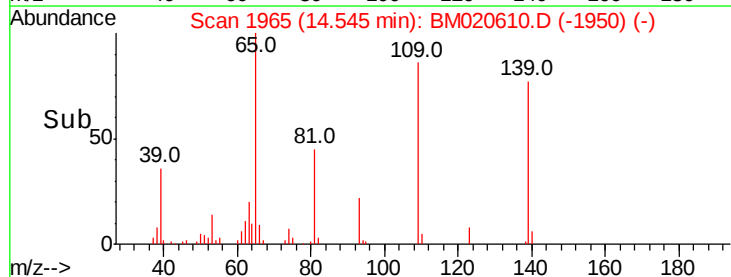
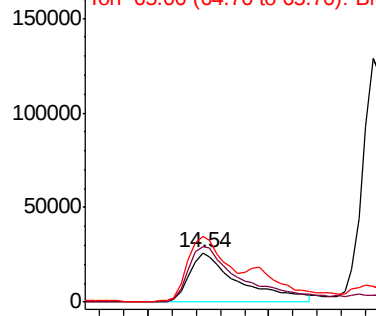


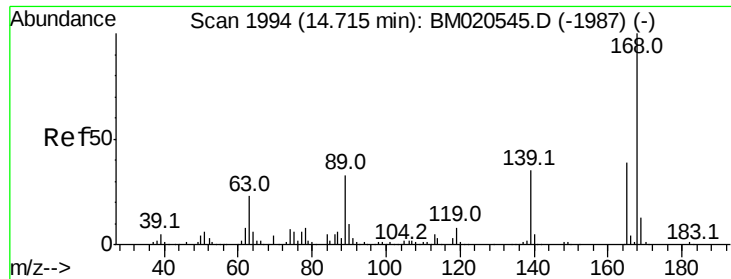
#56
4-Nitrophenol
Concen: 52.430 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.1	89.4	129.4
65	133.2	113.3	153.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





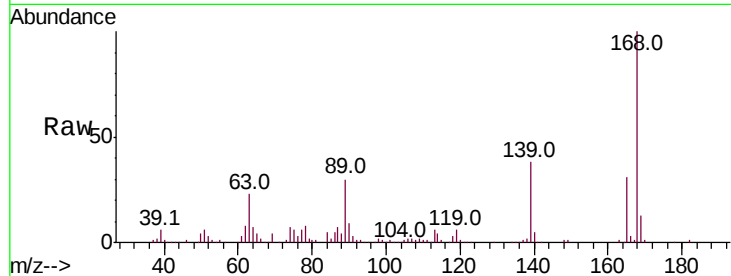
#57
 2,4-Dinitrotoluene
 Concen: 37.931 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126243		
63	73.1	48.7	73.1#	
89	94.5	68.8	103.2	
182	2.7	2.6	4.0	

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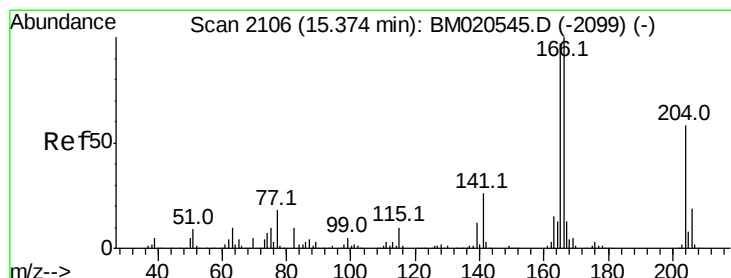
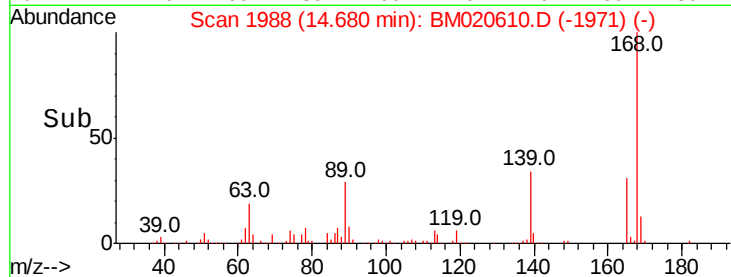
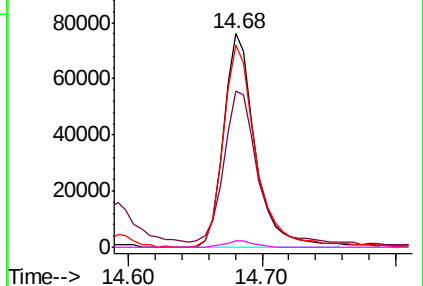
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

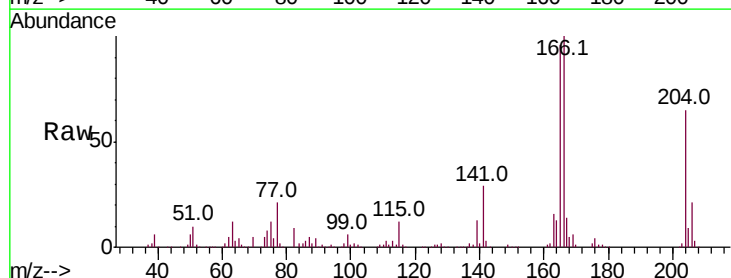
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.778 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	437845		
165	96.3	77.4	116.0	
167	14.2	10.6	16.0	

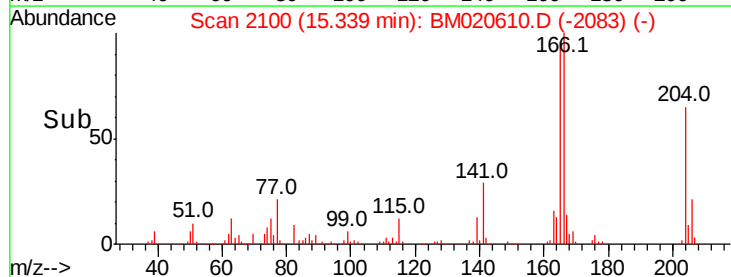
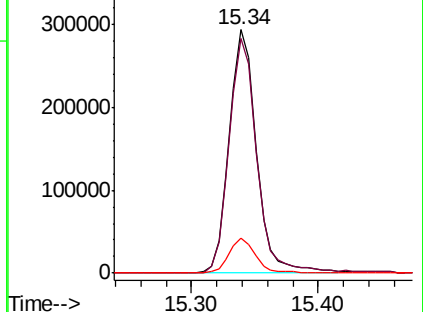


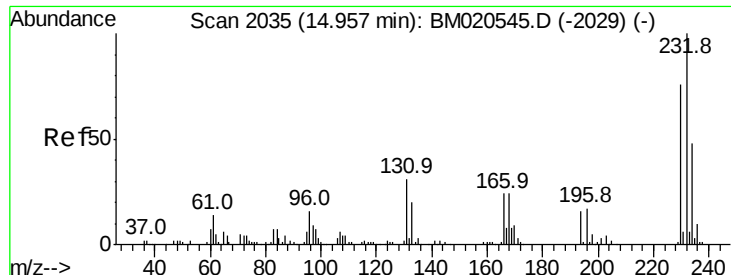
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





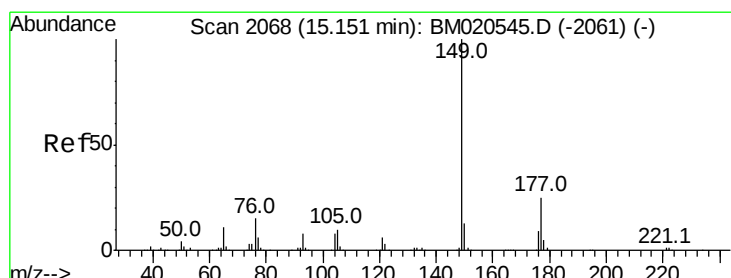
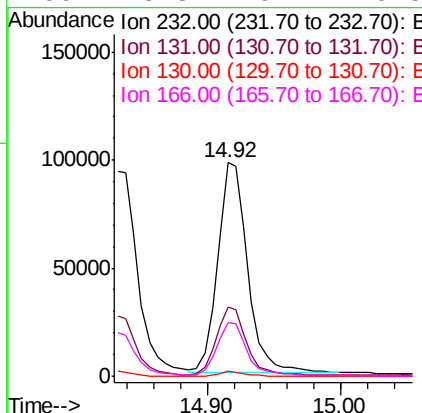
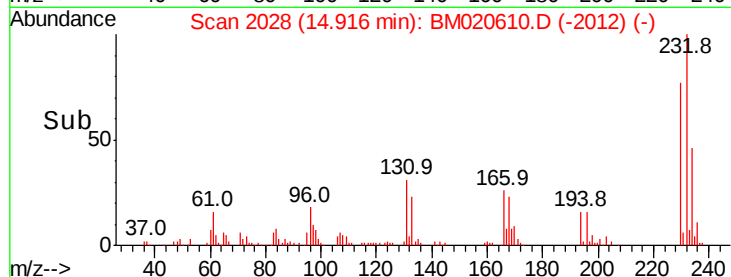
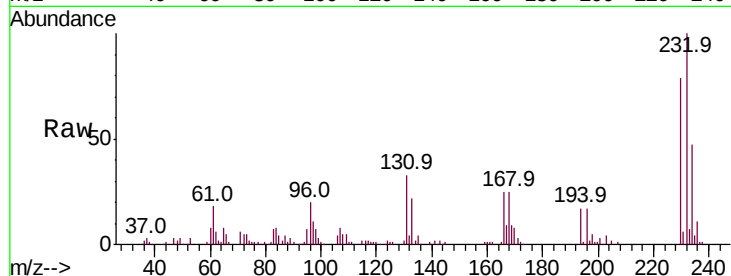
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.006 ng
 RT: 14.92 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	151768		
131	32.2	25.4	38.0	
130	1.9	1.5	2.3	
166	25.3	19.7	29.5	

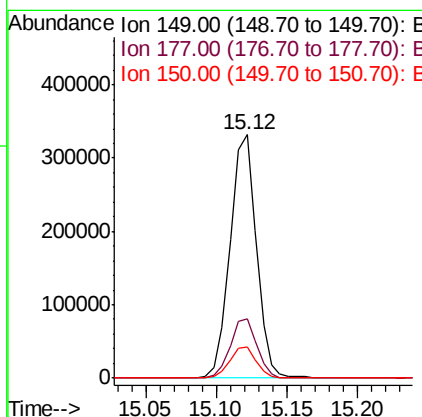
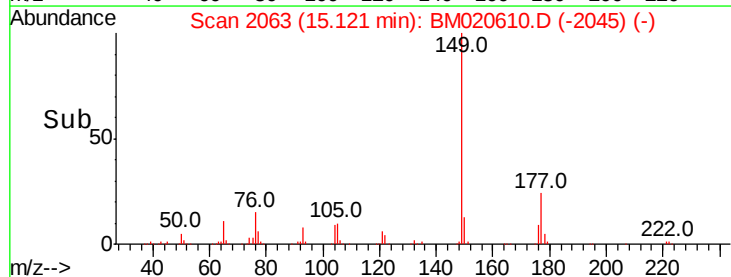
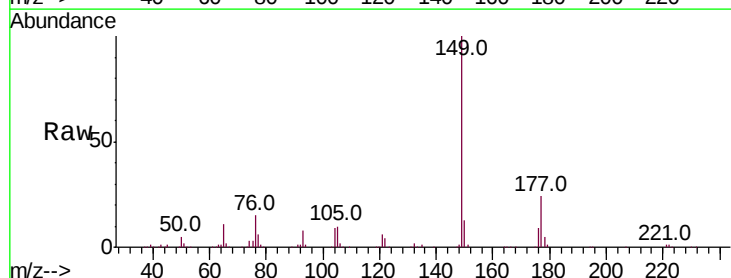
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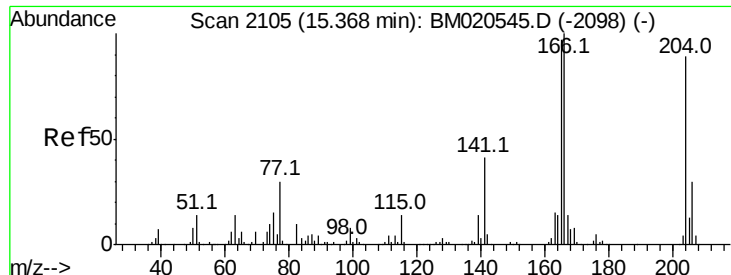
mohammad
 5/30/2019 8:16:45 AM



#60
 Diethylphthalate
 Concen: 39.652 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432007		
177	24.4	19.8	29.8	
150	12.7	10.2	15.2	





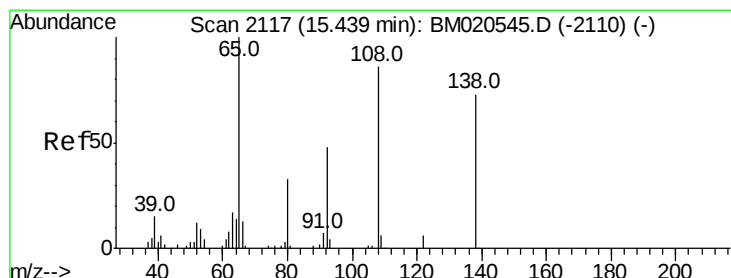
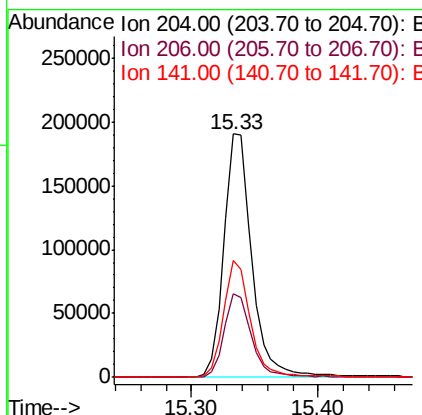
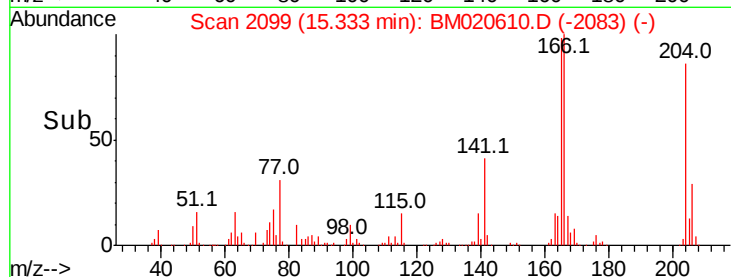
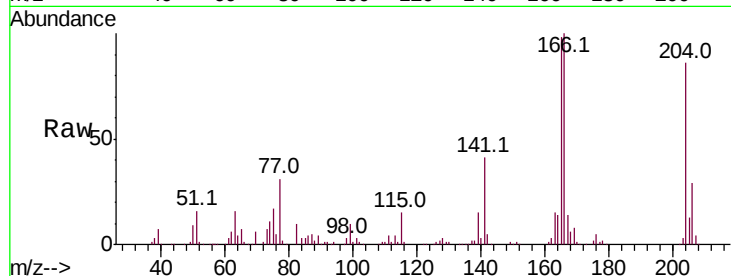
#61
 4-Chlorophenyl-phenylether
 Concen: 42.500 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion:	204	Resp:	291332
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.6	40.0
141	48.0	36.9	55.3

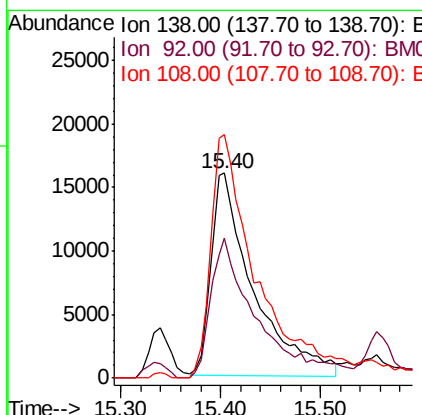
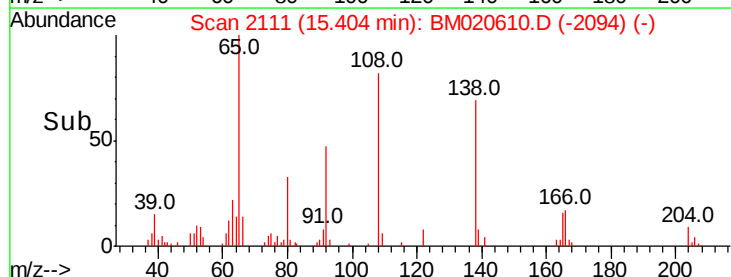
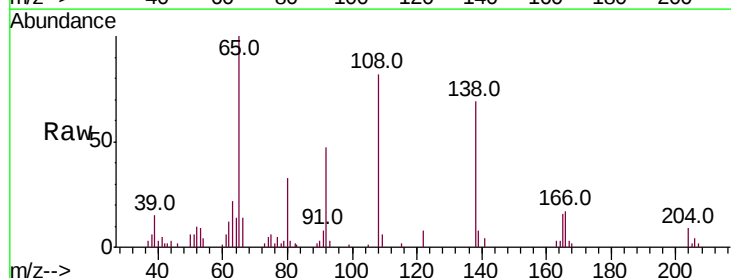
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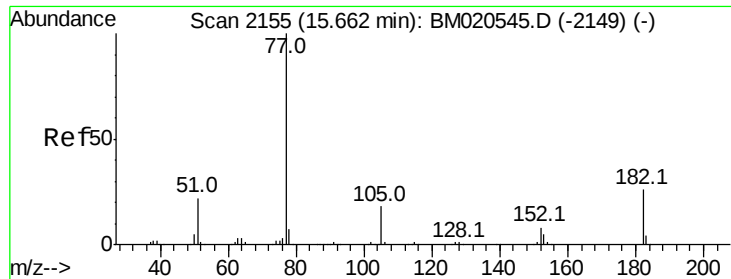
mohammad
 5/30/2019 8:16:45 AM



#62
 4-Nitroaniline
 Concen: 24.363 ng m
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion:	138	Resp:	47198
Ion Ratio	Lower	Upper	
138	100		
92	68.3	44.5	84.5
108	118.9	95.9	135.9





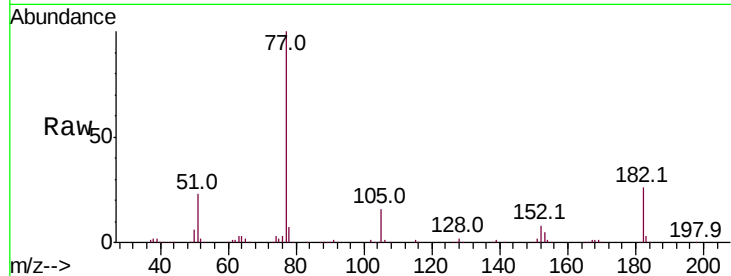
#63
Azobenzene
Concen: 42.246 ng
RT: 15.63 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

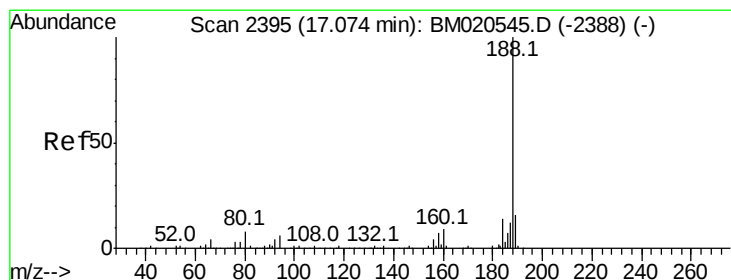
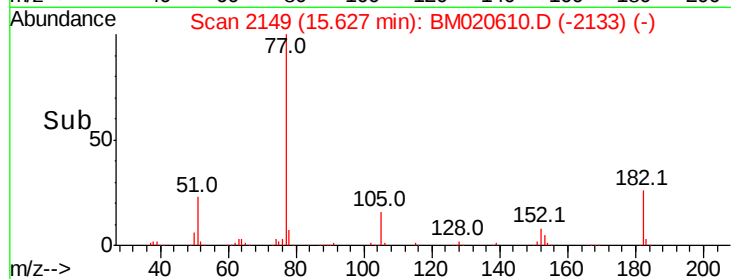
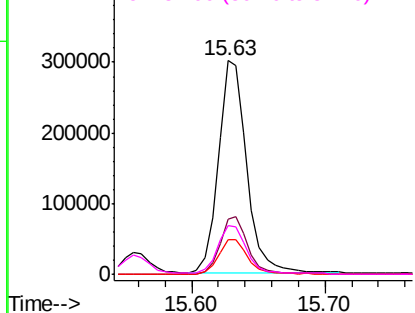
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.5	5.7	45.7	
105	16.4	0.0	37.6	
51	23.0	1.7	41.7	

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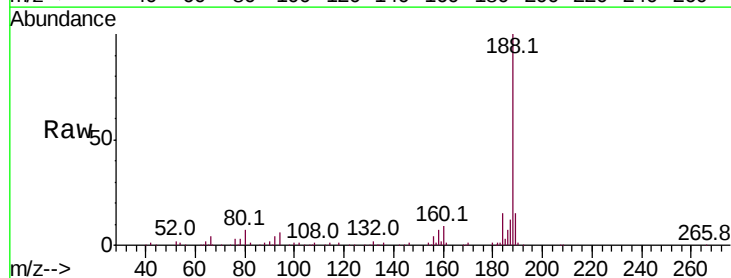


Abundance Ion 77.00 (76.70 to 77.70): BM020610.D (-2149) (-)
Ion 182.00 (181.70 to 182.70): BM020610.D (-2149) (-)
Ion 105.00 (104.70 to 105.70): BM020610.D (-2149) (-)
Ion 51.00 (50.70 to 51.70): BM020610.D (-2149) (-)

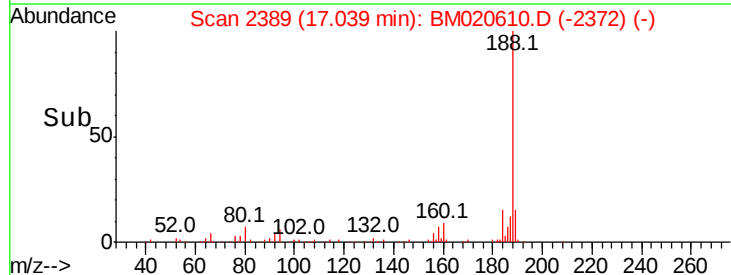
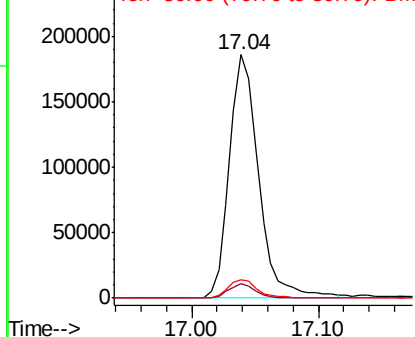


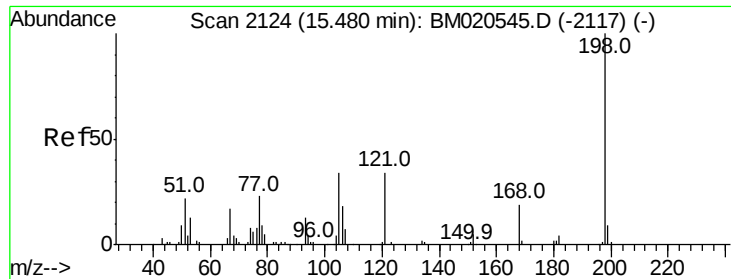
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.0	7.4	
80	7.4	6.5	9.7	



Abundance Ion 188.00 (187.70 to 188.70): BM020610.D (-2388) (-)
Ion 94.00 (93.70 to 94.70): BM020610.D (-2388) (-)
Ion 80.00 (79.70 to 80.70): BM020610.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 24.080 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

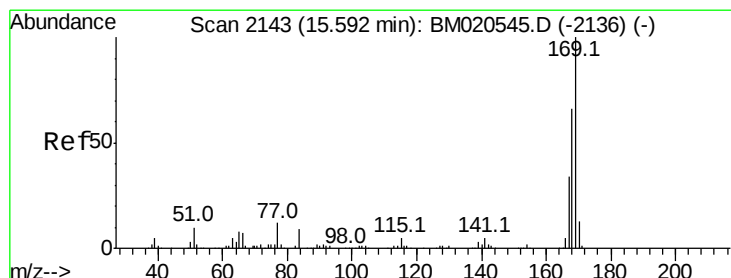
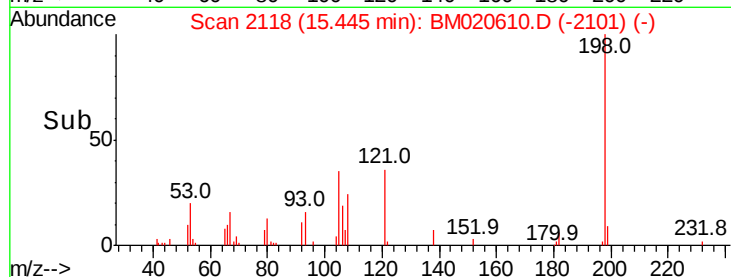
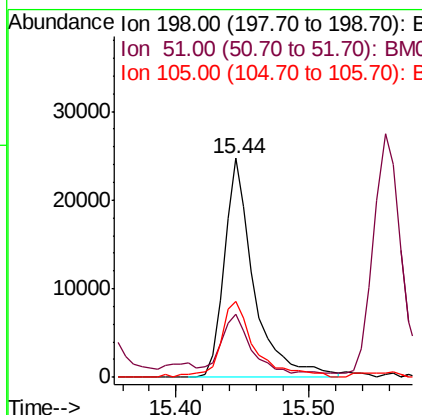
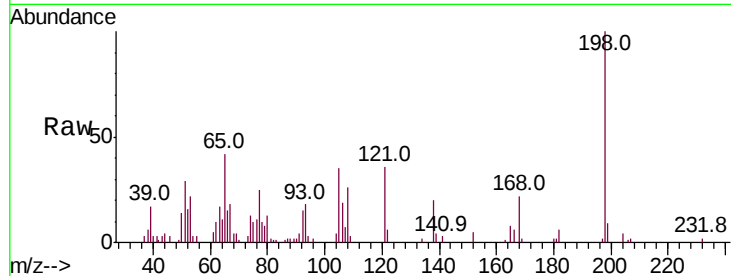
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	198	Resp:	38406
Ion Ratio	Lower	Upper	
198	100		
51	28.7	6.4	46.4
105	34.7	15.1	55.1

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#66

n-Nitrosodiphenylamine

Concen: 46.587 ng

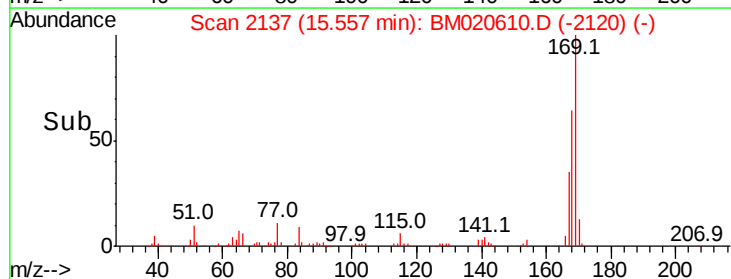
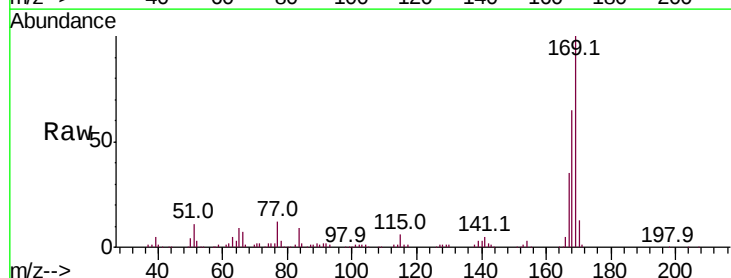
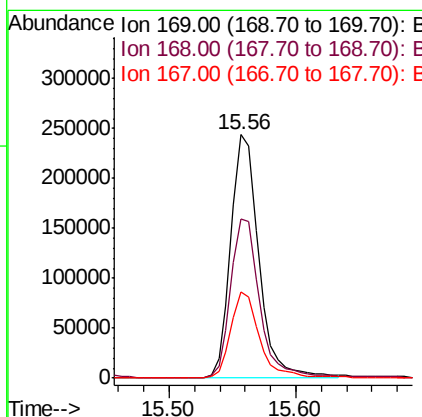
RT: 15.56 min Scan# 2137

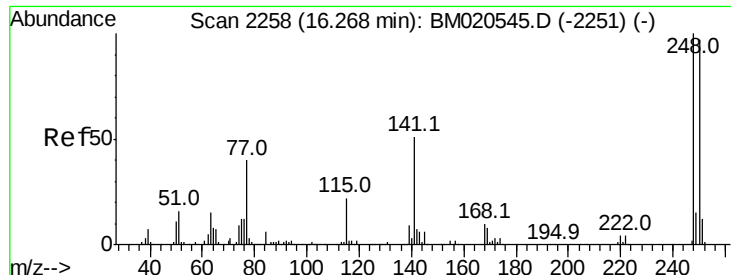
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	169	Resp:	374625
Ion Ratio	Lower	Upper	
169	100		
168	65.2	52.5	78.7
167	35.3	27.5	41.3





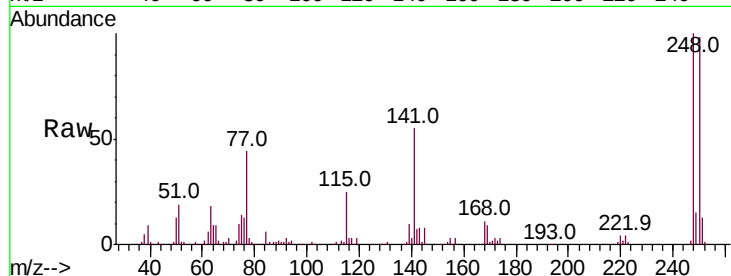
#67
 4-Bromophenyl-phenylether
 Concen: 45.755 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.6
141	55.4	41.0	61.6

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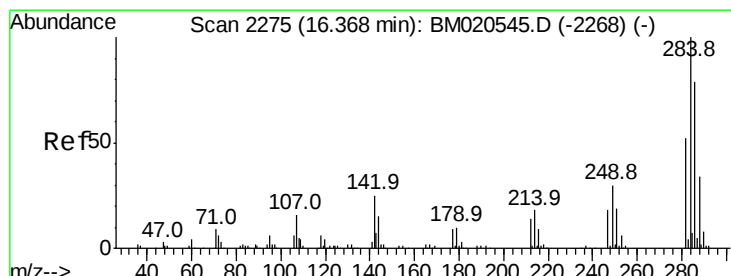
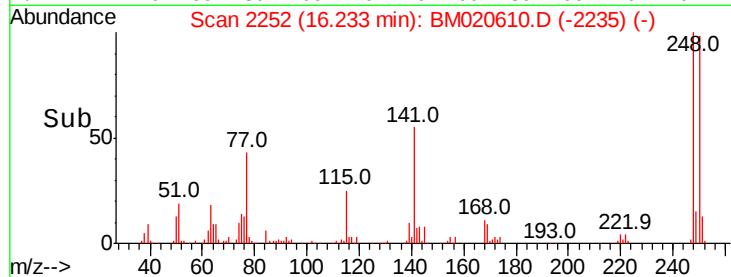
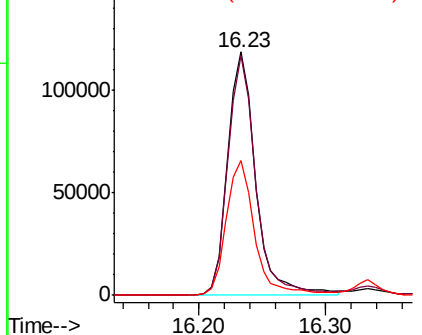


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.870 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

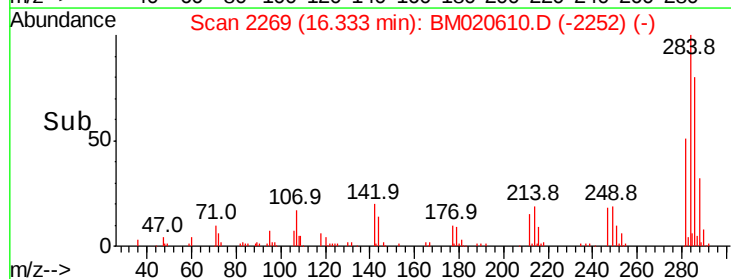
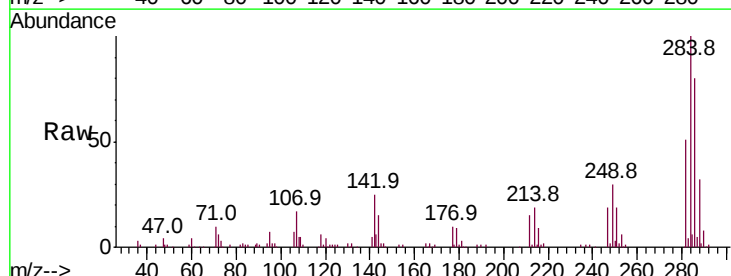
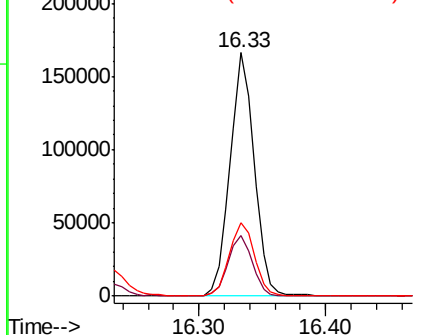
Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.2	30.2
249	30.0	23.9	35.9

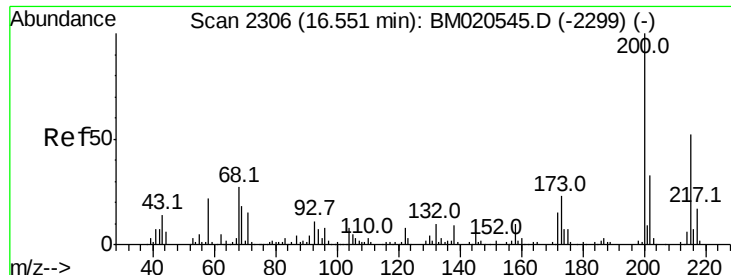
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





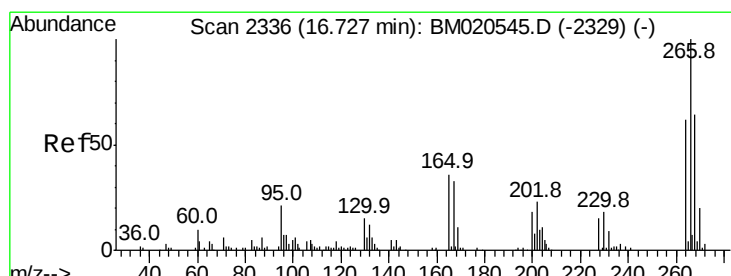
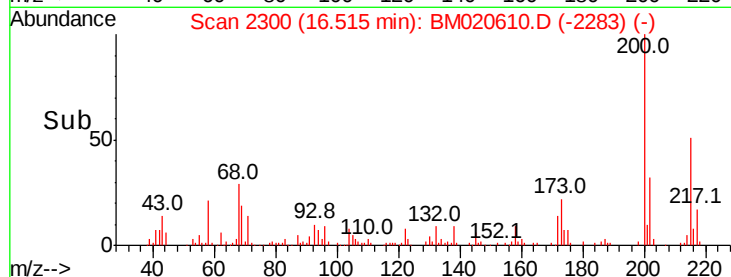
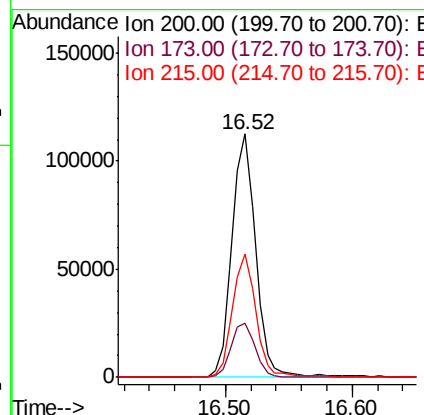
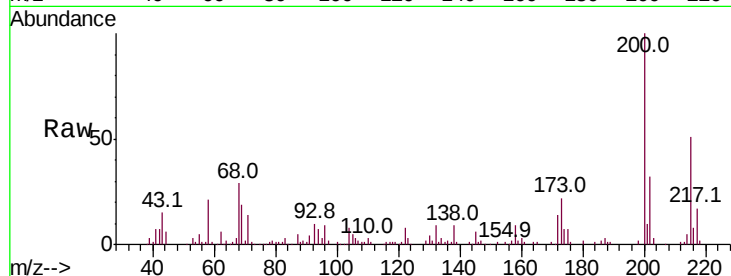
#69
 Atrazine
 Concen: 44.207 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.5	3.2	43.2
215	50.5	31.7	71.7

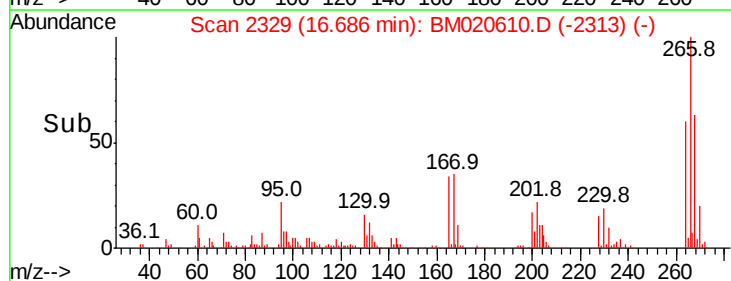
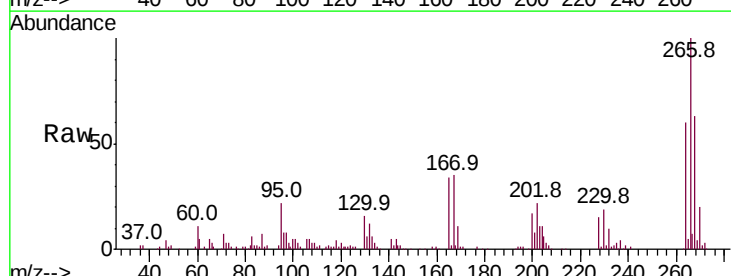
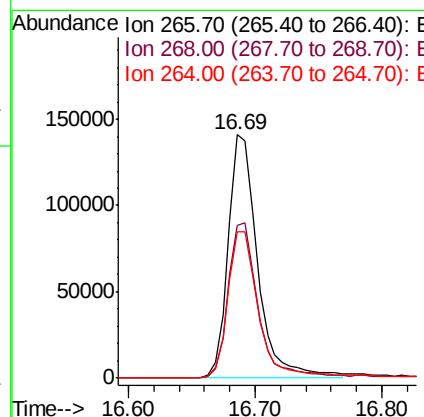
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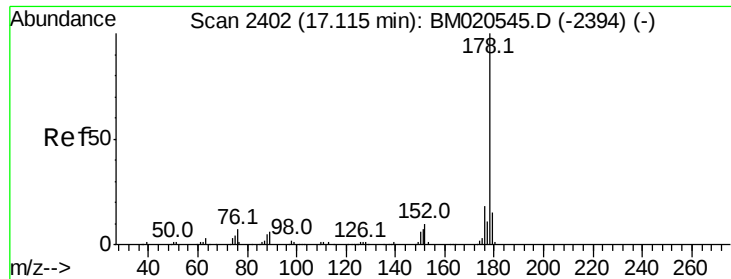
mohammad
 5/30/2019 8:16:45 AM



#70
 Pentachlorophenol
 Concen: 92.242 ng
 RT: 16.69 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.0	76.4
264	60.4	49.8	74.8





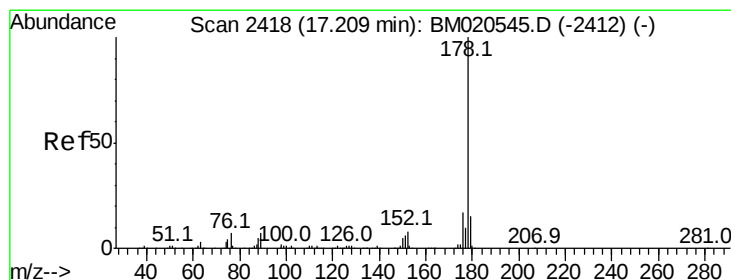
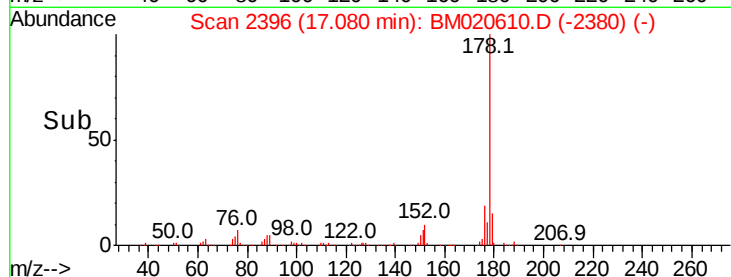
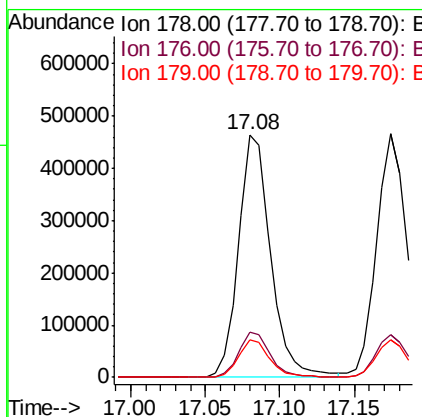
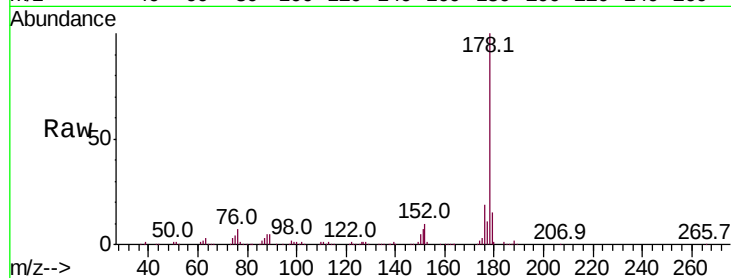
#71
Phenanthrene
Concen: 43.197 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.2

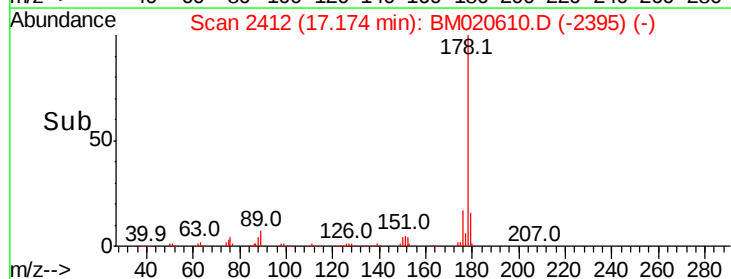
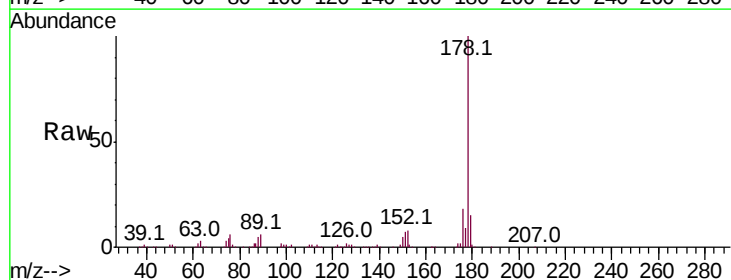
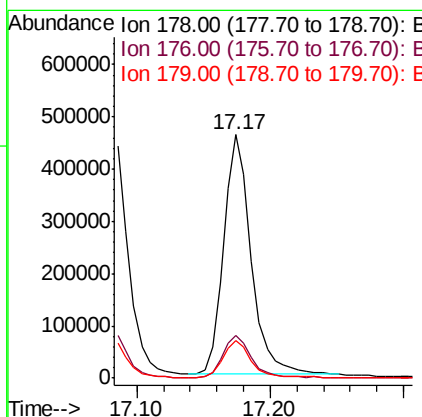
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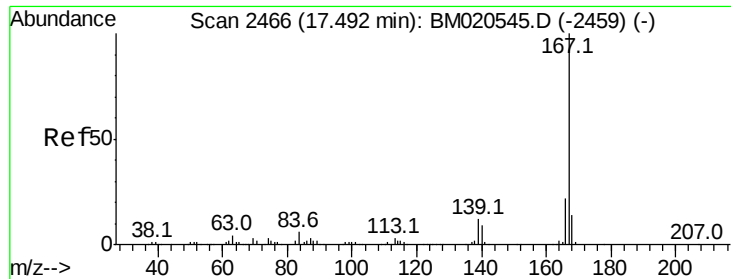
mohammad
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#72
Anthracene
Concen: 42.398 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.0	21.0
179	15.4	12.4	18.6





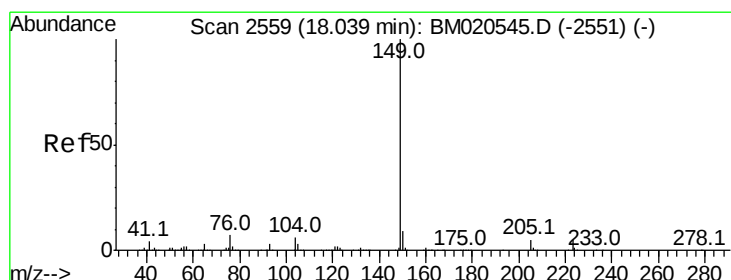
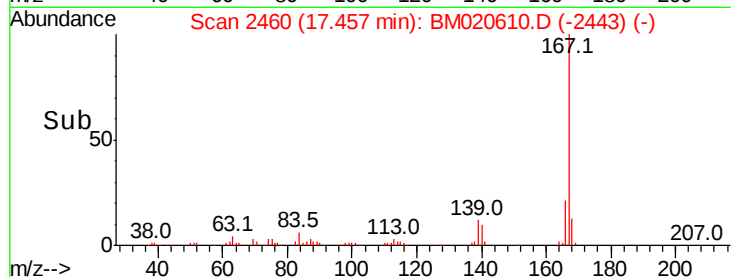
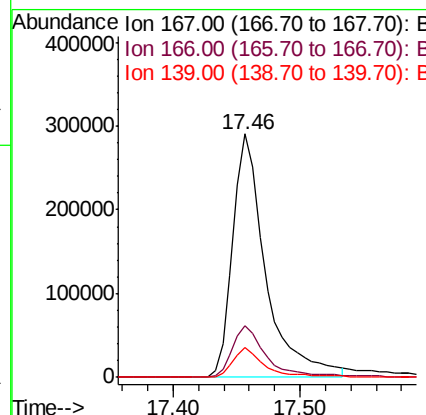
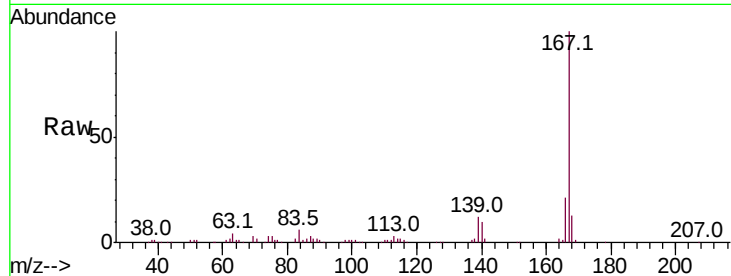
#73
 Carbazole
 Concen: 39.213 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.1	17.4	26.0	
139	12.3	9.3	13.9	

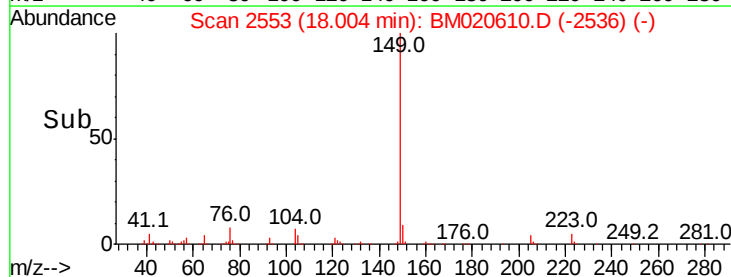
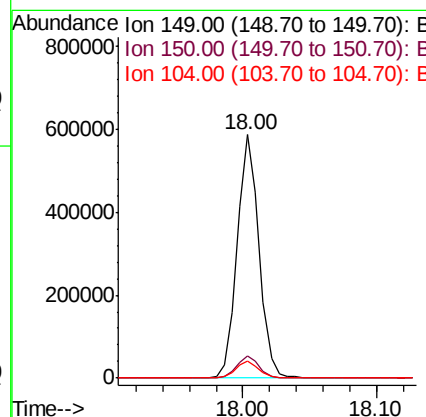
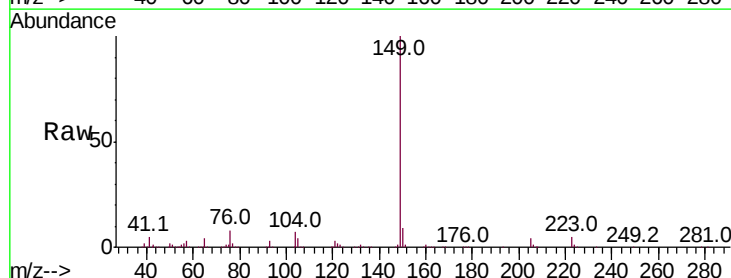
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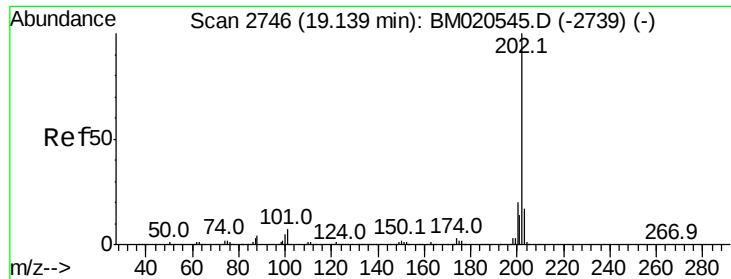
mohammad
 5/30/2019 8:16:45 AM



#74
 Di-n-butylphthalate
 Concen: 40.660 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.3	10.9	
104	7.0	5.0	7.4	





#75

Fluoranthene

Concen: 40.812 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

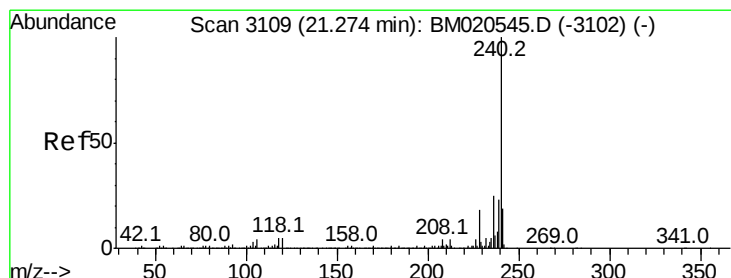
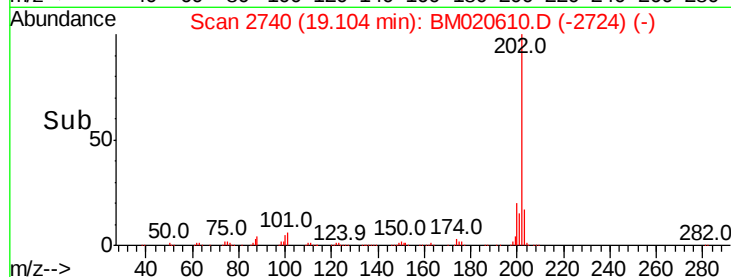
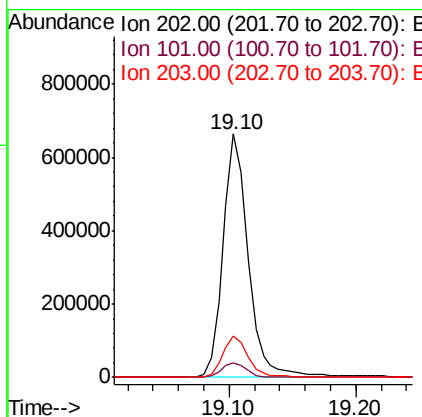
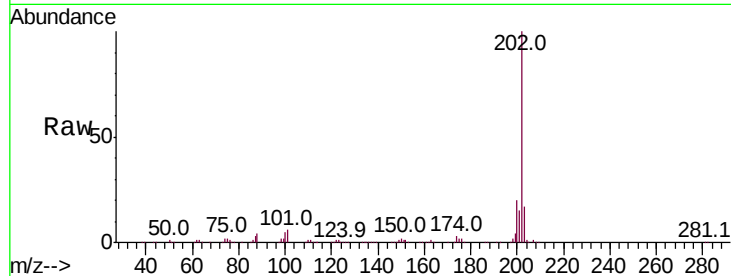
ClientSampleId :

OR-03-052319-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		914365		
101	6.1	0.0	26.7		
203	17.2	0.0	37.4		

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#76

Chrysene-d12

Concen: 20.000 ng

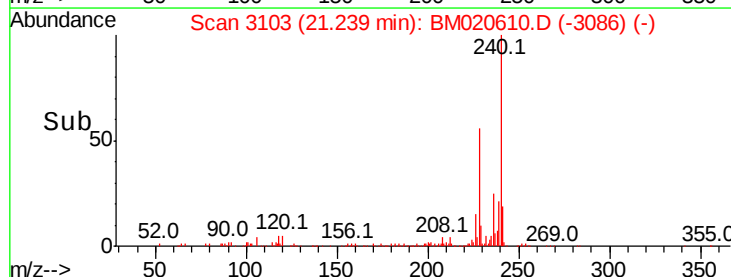
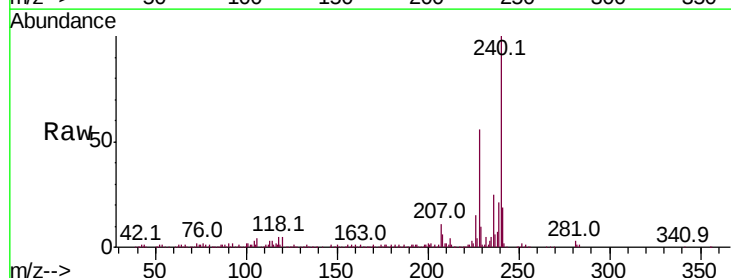
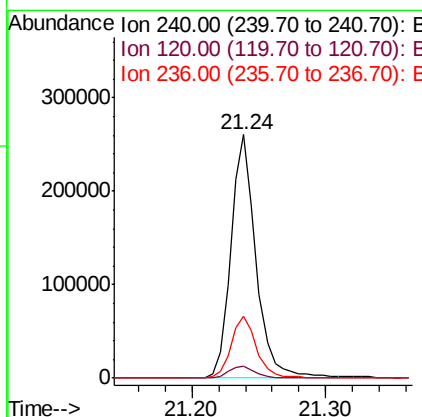
RT: 21.24 min Scan# 3103

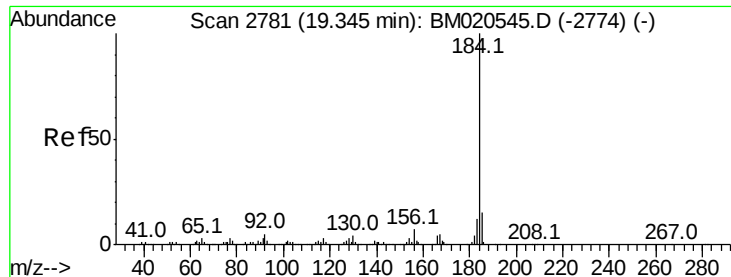
Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		342446		
120	5.2	4.1	6.1		
236	25.3	20.2	30.4		





#77

Benzidine

Concen: 9.535 ng/mL

RT: 19.33 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

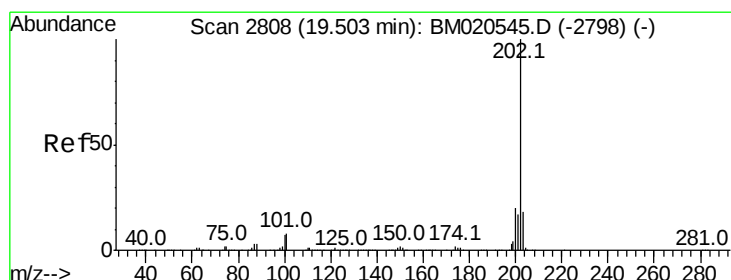
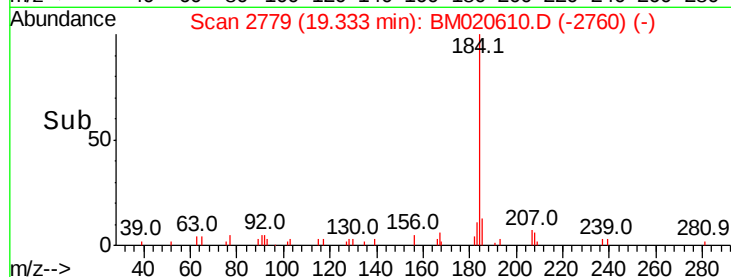
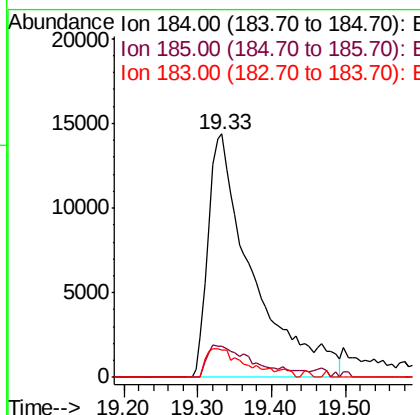
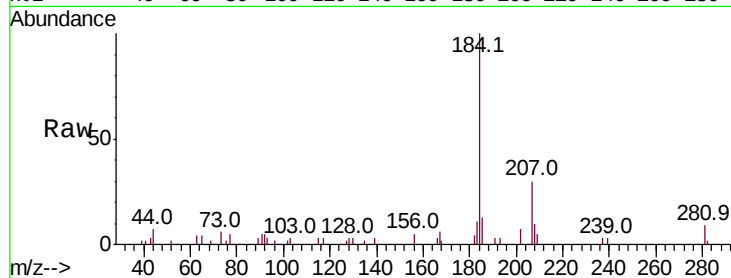
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	184	Resp:	60007
Ion Ratio	Lower	Upper	
184	100		
185	12.6	11.8	17.8
183	11.4	9.7	14.5

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#78

Pyrene

Concen: 42.947 ng/mL

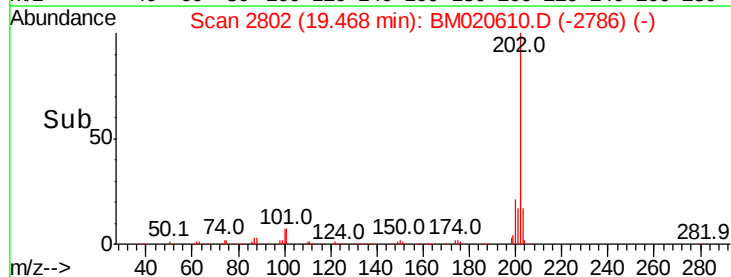
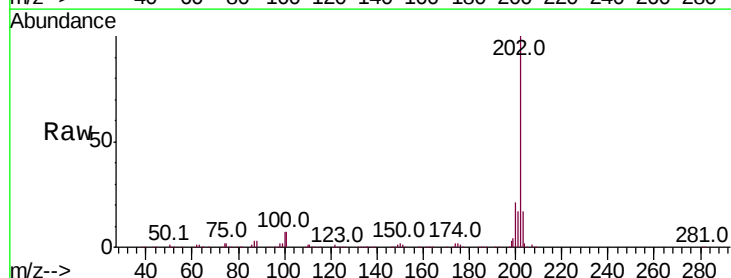
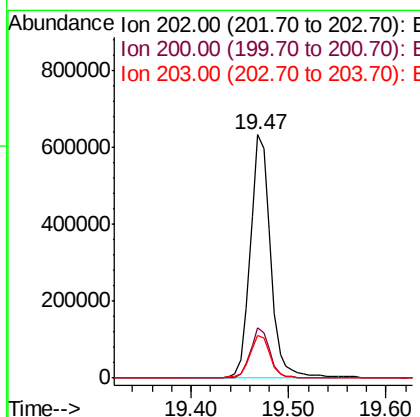
RT: 19.47 min Scan# 2802

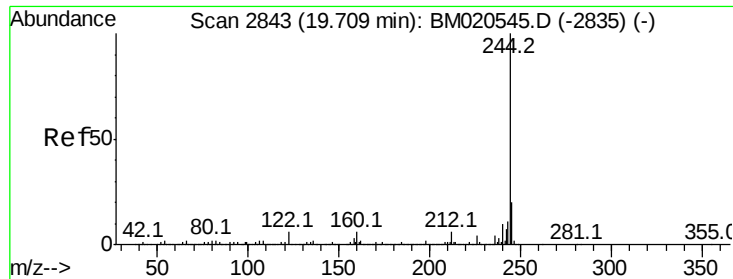
Delta R.T. -0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	202	Resp:	923314
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.0	24.0
203	17.4	14.1	21.1





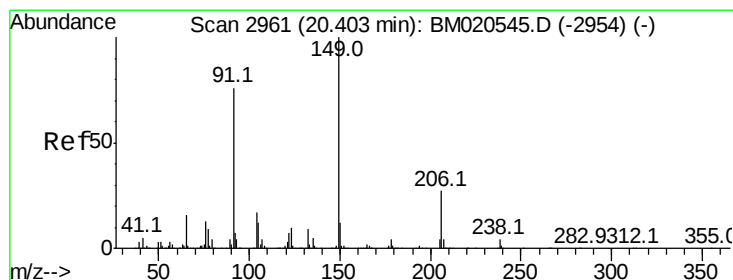
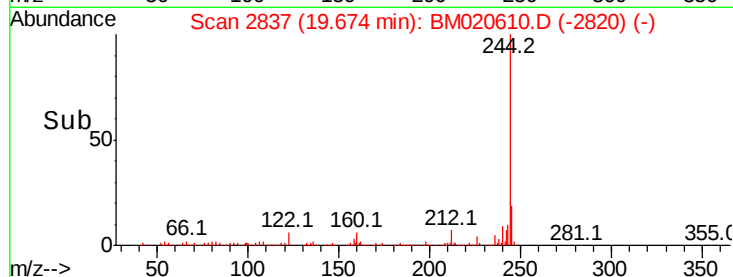
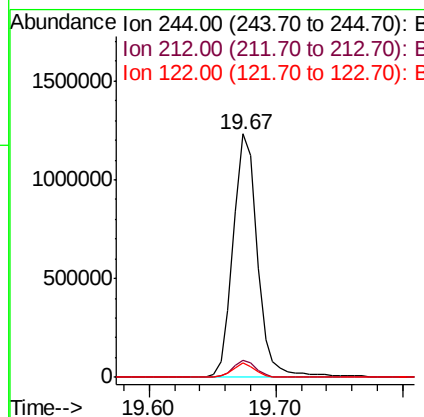
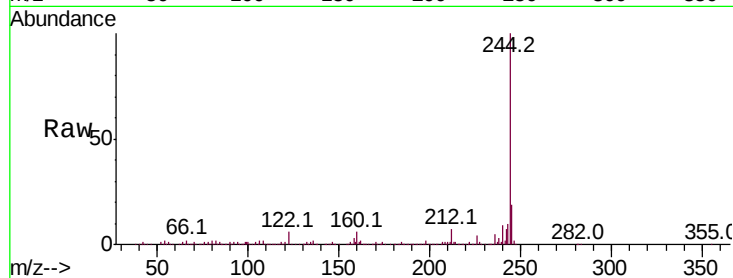
#79
 Terphenyl-d14
 Concen: 86.276 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.6
122	5.8	4.6	7.0

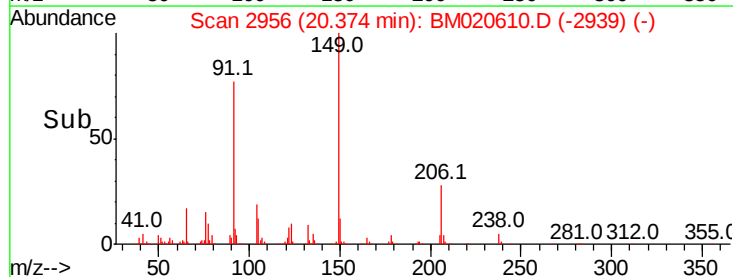
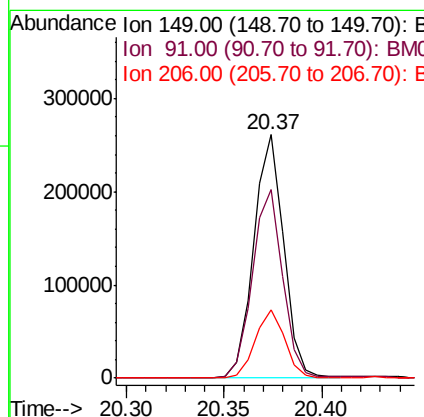
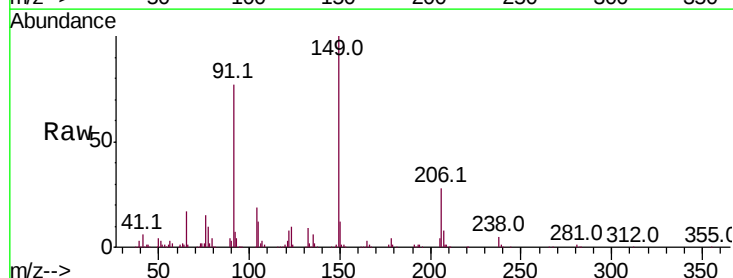
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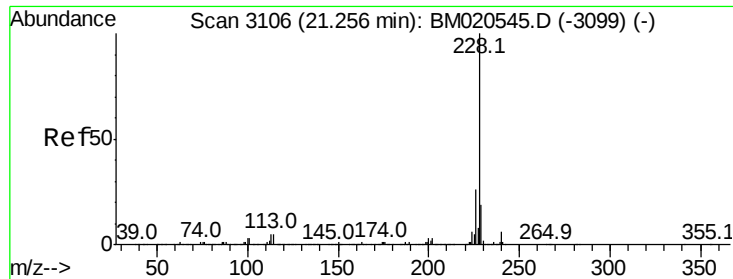
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#80
 Butylbenzylphthalate
 Concen: 36.744 ng
 RT: 20.37 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.3	60.9	91.3
206	27.9	21.6	32.4





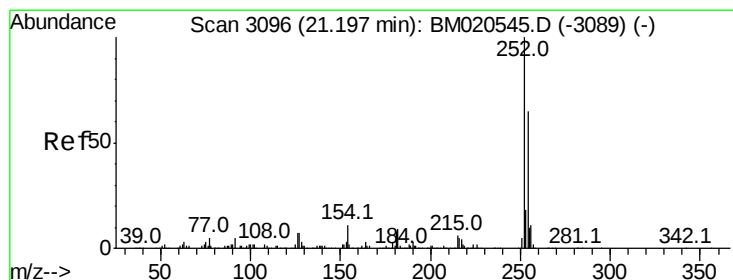
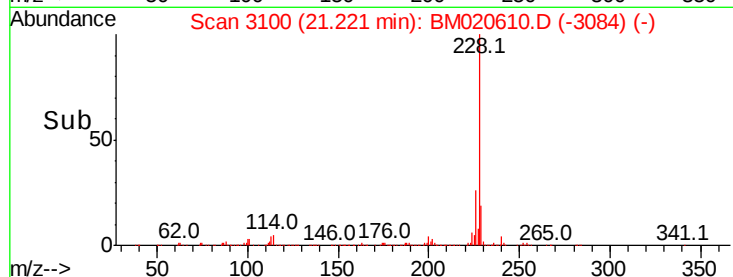
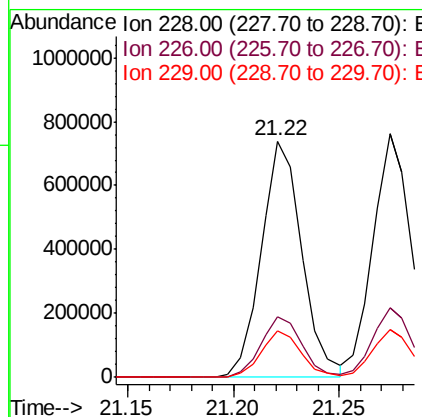
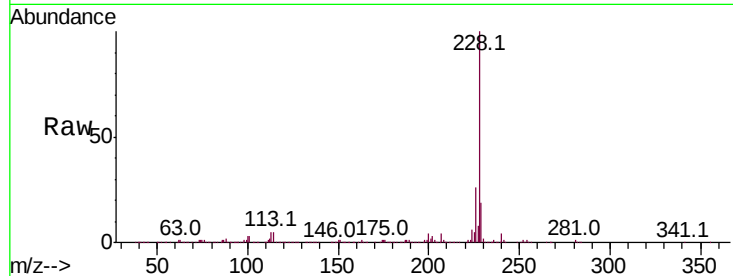
#81
Benzo(a)anthracene
Concen: 41.636 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	19.4	15.5	23.3

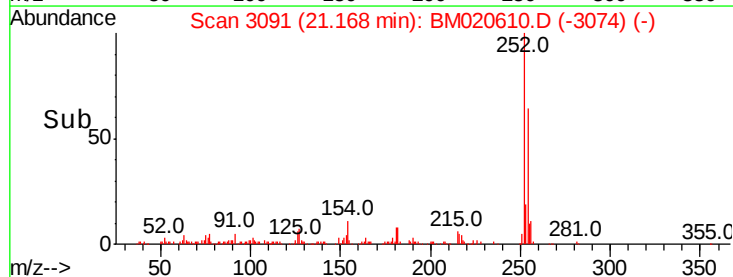
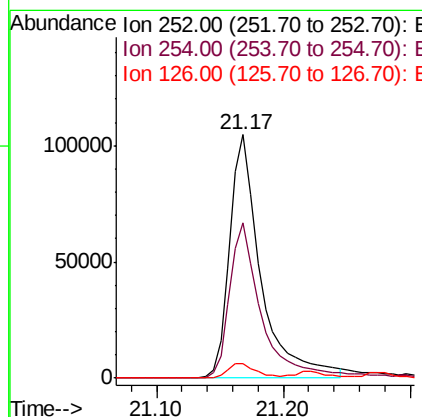
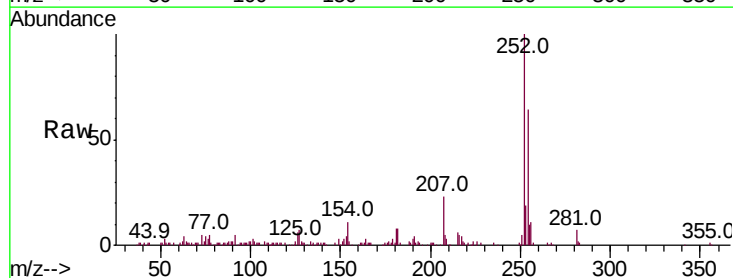
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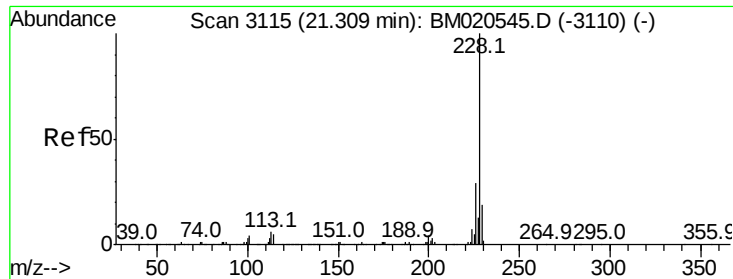
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 20.578 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	6.1	5.2	7.8





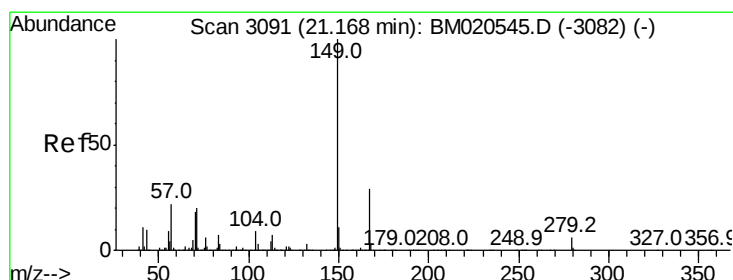
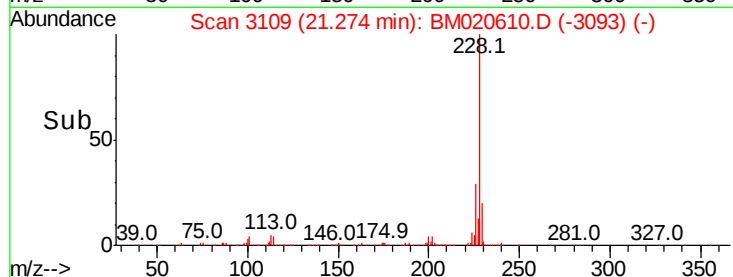
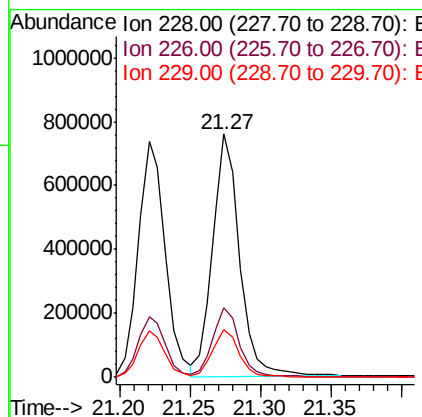
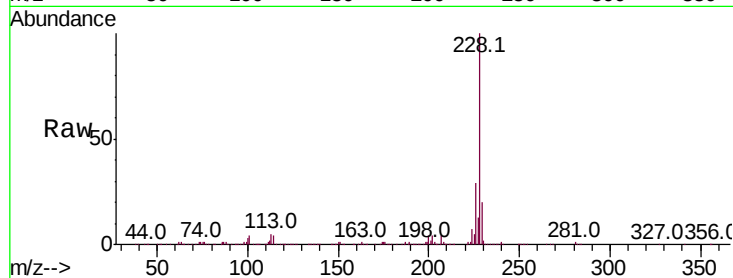
#83
 Chrysene
 Concen: 43.684 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.5	15.4	23.2

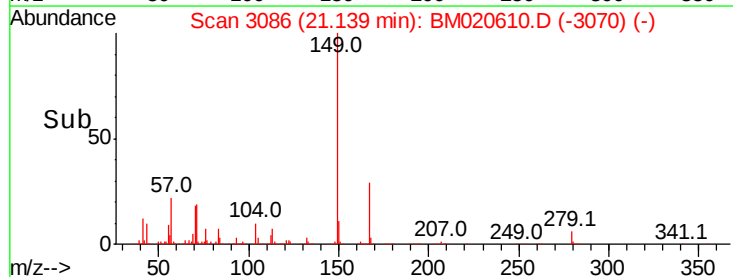
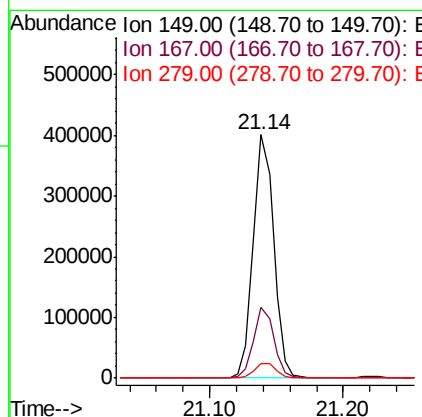
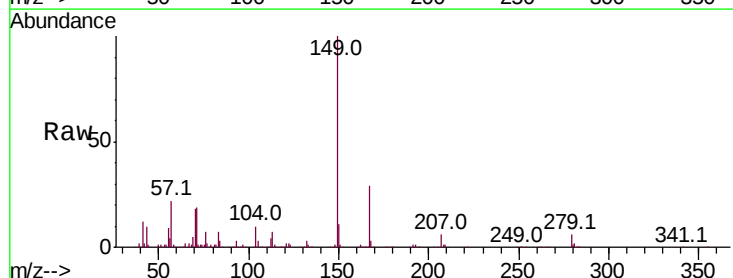
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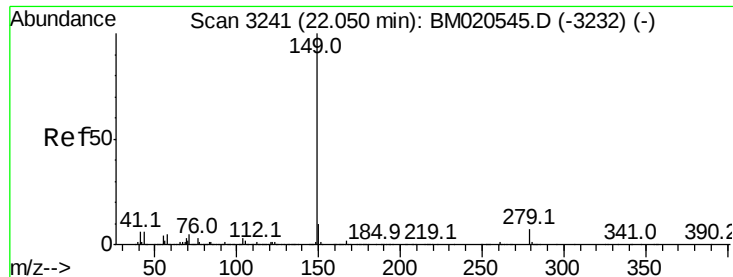
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.527 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM020610.D
 Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	6.0	4.9	7.3





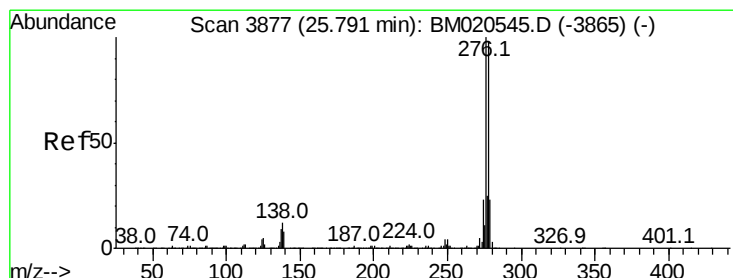
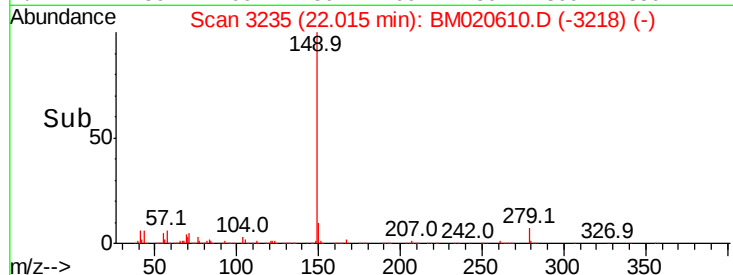
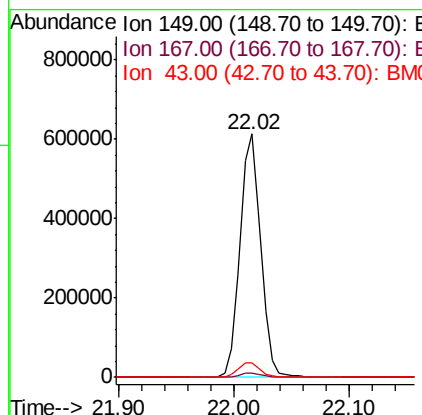
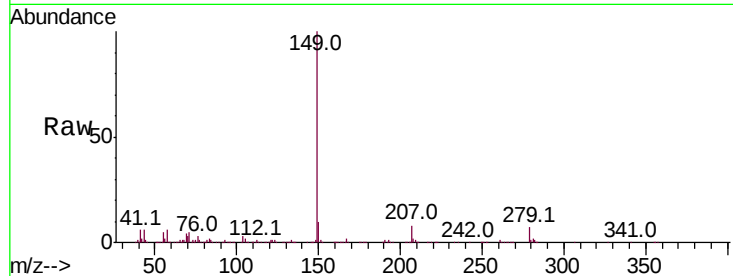
#85
Di-n-octyl phthalate
Concen: 39.593 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:	149	Resp:	757790
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.3	4.8	7.2

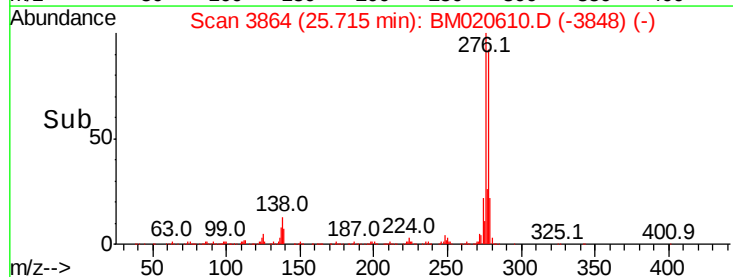
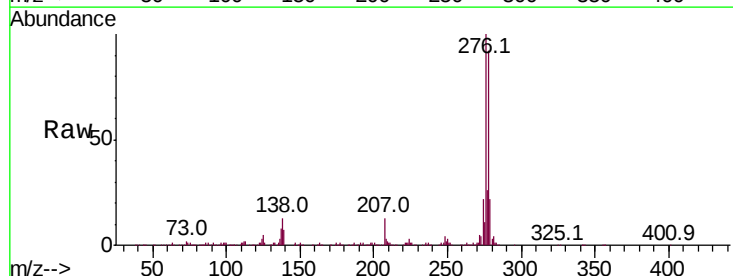
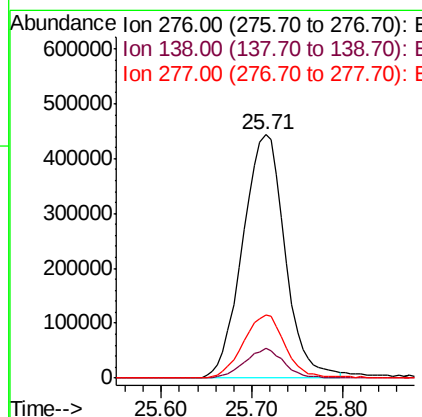
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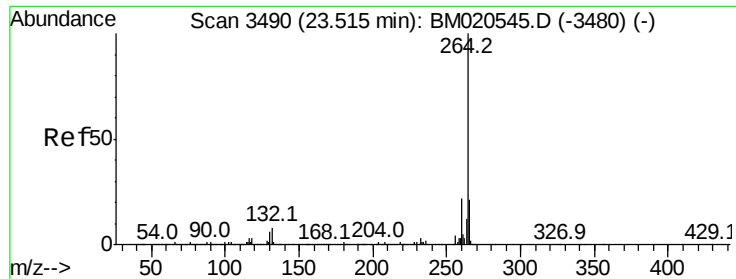
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.053 ng
RT: 25.71 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:	276	Resp:	1441388
Ion Ratio	Lower	Upper	
276	100		
138	11.4	9.7	14.5
277	25.5	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Instrument :

BNA_M

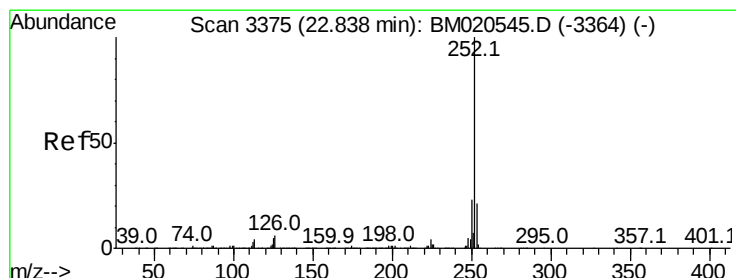
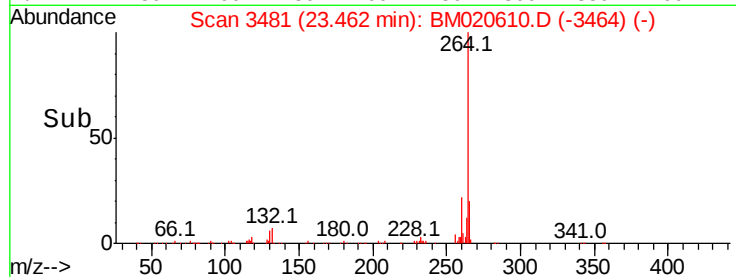
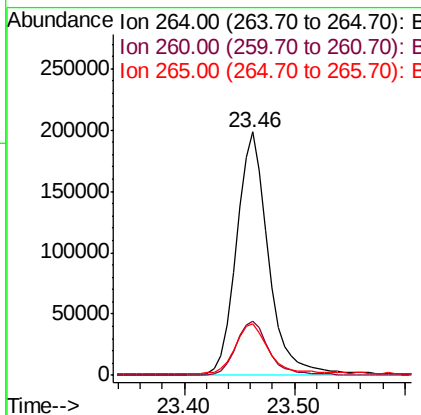
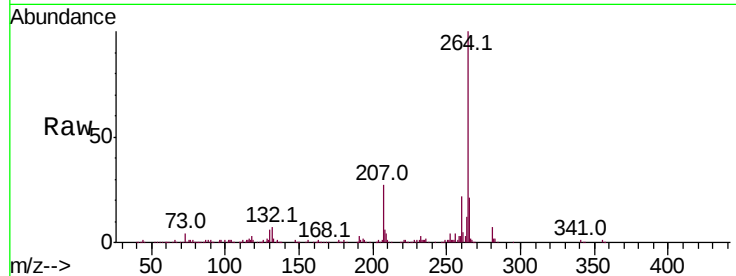
ClientSampleId :

OR-03-052319-AMSD

Tot Ion:	264	Resp:	401926
Ion Ratio	Lower	Upper	
264	100		
260	22.4	17.7	26.5
265	21.3	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 44.002 ng

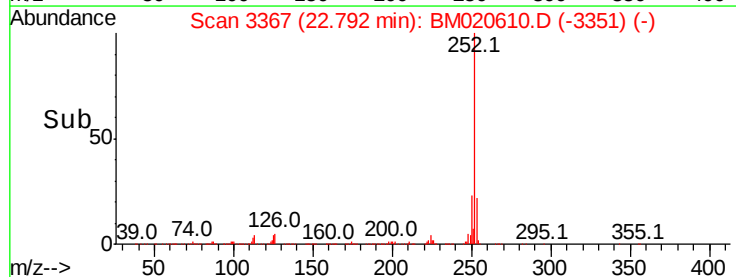
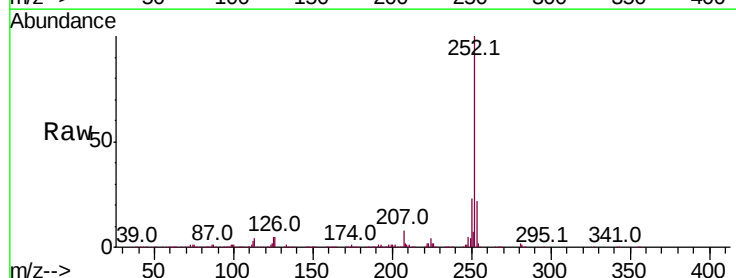
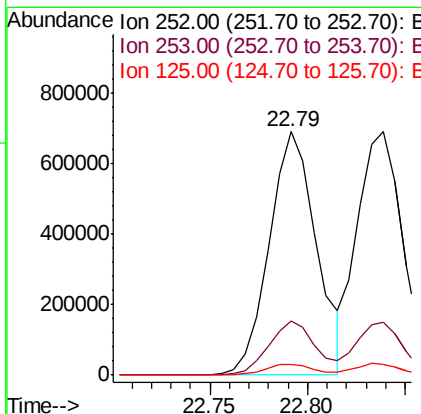
RT: 22.79 min Scan# 3367

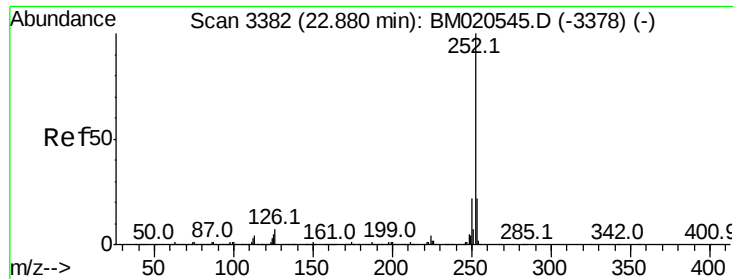
Delta R.T. -0.01 min

Lab File: BM020610.D

Acq: 29 May 2019 21:39

Tgt Ion:	252	Resp:	1157543
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	4.5	3.8	5.8





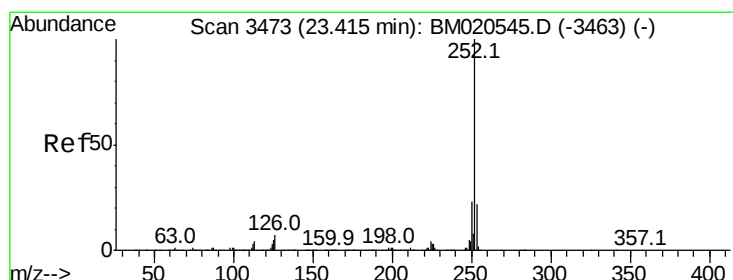
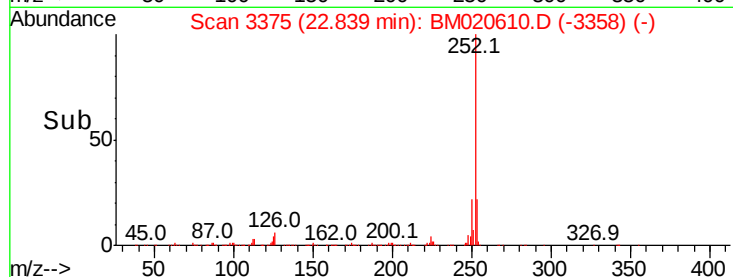
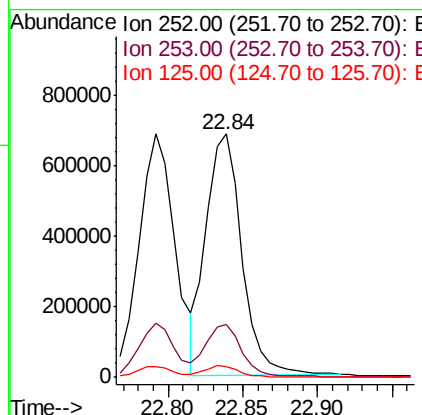
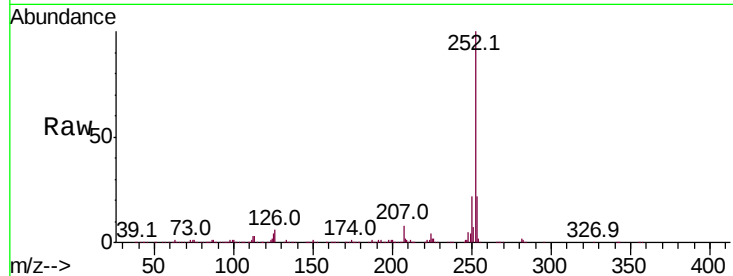
#89
Benzo(k)fluoranthene
Concen: 44.908 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	4.5	4.2	6.4

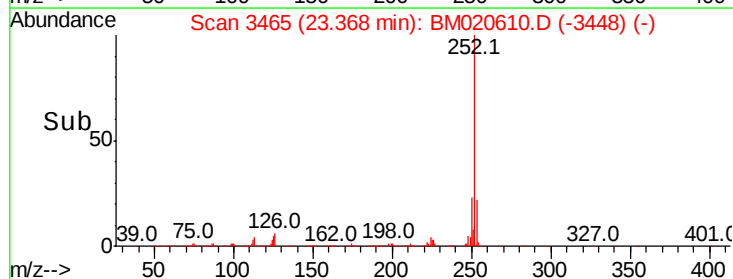
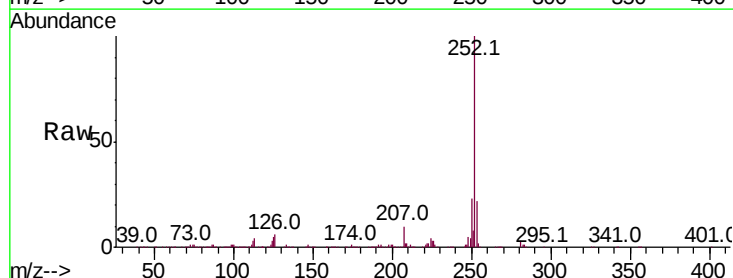
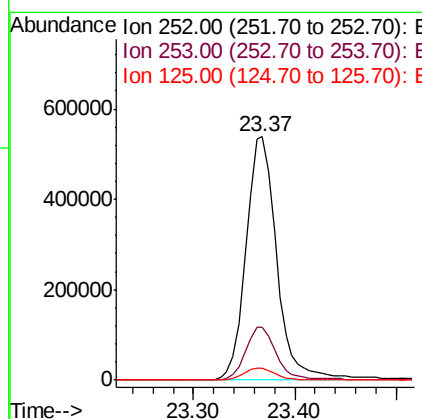
Manual Integrations
APPROVED

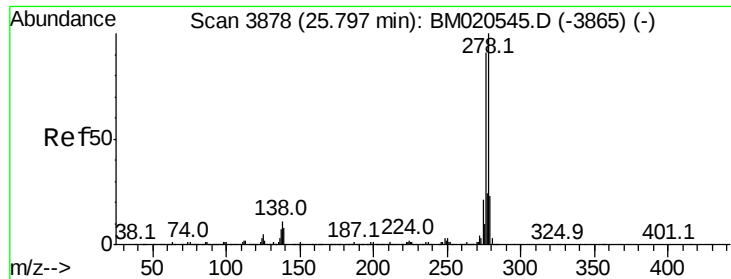
mohammad
5/30/2019 8:16:45 AM



#90
Benzo(a)pyrene
Concen: 46.402 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	4.8	4.2	6.4





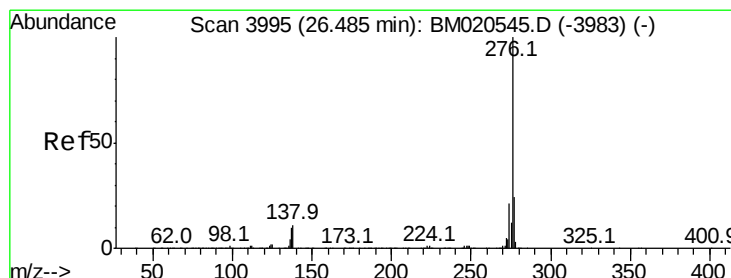
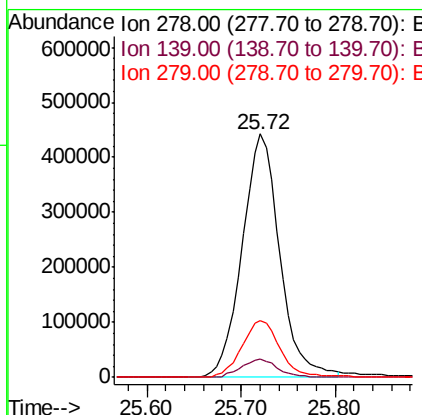
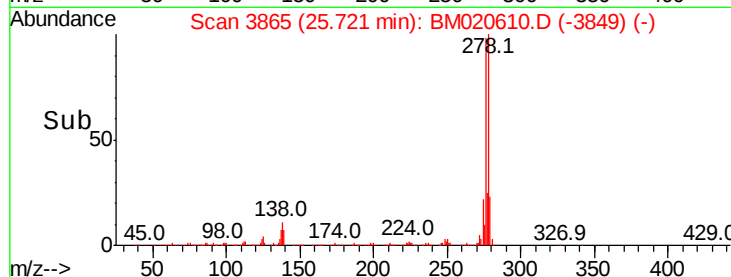
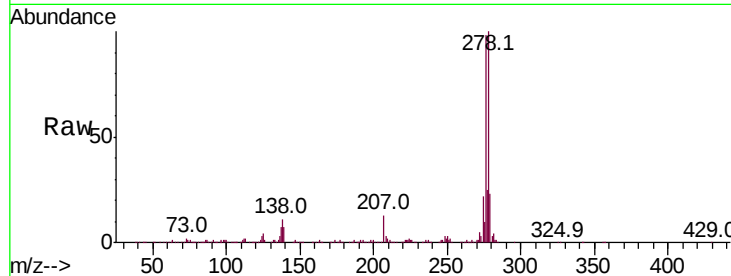
#91
Dibenzo(a,h)anthracene
Concen: 49.518 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Instrument :
BNA_M
ClientSampleId :
OR-03-052319-AMSD

Tot Ion:278 Resp: 1227050
Ion Ratio Lower Upper
278 100
139 7.5 6.3 9.5
279 23.3 18.3 27.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:45 AM



#92
Benzo(g,h,i)perylene
Concen: 51.956 ng
RT: 26.40 min Scan# 3981
Delta R.T. -0.00 min
Lab File: BM020610.D
Acq: 29 May 2019 21:39

Tgt Ion:276 Resp: 1193454
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 9.6 8.6 12.8

